TOP FLIGHT

# MEMO BOOK

MB—19 END OPEN
MB—20 SIDE OPEN

6-20-77 to 8-31-77

4 IN. X 6 IN. 60 SHEETS

TOP FLIGHT PAPER PRODUCTS, INC. CHATTANOOGA, TENNESSEE 37402

On 8/1/77 — driving rain deep into garage — melting this book!

J W Eble
6207 Newman Rd
Fairfax Va 22030

6-20-77 Mon.
Very brief shower about 6:00 A.M.
Overcast & light showers - clearing by 10:30 A.M. - then heavy clouds + severe thunderstorm beg. 3:55 P.M. - heavy, marble-sized hail for 5 min. - wind NNE to 50 mph - 0.89" rain in 10 min. — total = 1.2+"

| | |
|---|---|
| 1 Yellowthroat | 25-30 Downy |
| 2 White-eyed Vireos | 4-5 Crows |
| 2 Indigo Buntings | 2 Jays |
| 3 House Wrens (2s) + Nestlings | 25-30 Grackles |
| 1 Pine Warbler | 4-6 Red-wings |
| 2 Towhees | 1-2 Cowbirds |
| 6-8 Thrashers | 15-20 Starlings |
| 25-30 Robins | 8-12 House Spo. |
| 20-25 Cardinals | 2 Song " |
| 4-6 Mockers | 2 C. Wrens |
| ✓ 1 Pil. Woodpecker | 2 Goldfinches |
| 2 Flickers | 2 Chickadees |
| 3-5 Red-bellies | 2 Titmice |
| 2 Downys | 3-4 Meadowlarks |
| 1 Green Heron | 2 Field Spo. |

Sue left 10:00 A.M. – called about 6:40 P.M. – just home –
? 417.5 mi. (via Charlottesville + Staunton) –

1 Prairie W.
2 Peewees
3-5 Bluebirds
1 Hummingbird
2 Barn Swallows
2 Purple Martins
1 Gr.-cr. Flycatcher
1 Acad. "

2 Chipping Sps.
5-6 Bobwhites
2 Nuthatches
1 Green Heron
1 Red-shoulder

6-21-77 Tues. 57°–79°
Summer begins 8:14 A.M. EDT.
Fog – scattered clouds – then mostly clear – few scattered clouds – wind NNE, 10-25 mph. – just a glorious day.

✓ 1 Blackpoll W. (S) 5:20 AM – 6:00 AM
1 Yellow-br. Chat
2 Peewees
2 Indigo Buntings
3 House Wrens +N
2 White-eyed Vireos
2 Towhees
6-8 Thrashers
25-30 Robins
20-25 Cardinals
4-6 Mockers
2 Flickers
3-5 Red-bellies
2 Downys
1 Gr.-cr. Flycatcher
3-5 Bluebirds
2 Barn Swallows
1 Red-eyed Vireo
✓ 1 Hairy Woodpecker
1 Hummingbird
1 Yellow-thr. Vireo

25-30 Doves
4-6 Crows
2 Jays
25-30 Grackles
4-6 Red-wings
1-2 Cowbirds
25-30 Starlings
8-12 House Sps.
2 Song "
2-4 C. Wrens
2 Goldfinches
2 Chickadees
2 Titmice
3-4 Meadowlarks
2 Field Sps.
2 Chipping "
5-6 Bobwhites
1 Prairie W.
2 Ch. Swifts
1 Green Heron 3-4X
2 TVs

Woodchuck (Y)

1 Purple Martin

✓ From 5:20 A.M. to 6:00 A.M. (EDT) a Blackpoll Warbler sang all about the front yard.

6-22-77 Wed. 61°-76°
Clear, cool, then scattered clouds — wind N, 5-10 mph.
Beautiful day.
Away 8:25 A.M. - 11:30 A.M.

1 Yellow-b. Cuckoo
2 White-eyed Vireos
2 Indigo Buntings
3+D House Wrens
2 Peewees
2 Towhees
6-8 Thrashers
20-30 Robins
25-30 Doves
4 Crows
2 Jays
(25) 25-30 Grackles
4-6 Red-wings
1-2 Cowbirds
25-30 Starlings
8-12 House Sps.

Woodchuck (Y)

20-25 Cardinals
4-6 Mockers
2 Flickers
3-4 Red-bellies
2 Downys
1-? Red-shoulders (Y)
1 Orchard Oriole
2 Barn Swallows
1 Yellow-thr. Vireo
1 Yellowthroat
1 Prairie W.
1 Acad. Flycatcher
✓ 3 Purple Martins

✓ Titmice with 2-3 fledglings

2 Long Sps.
2 C. Wrens
2 Goldfinches
2 Chickadees
✓ 4-5 Titmice +4
3-4 Meadowlarks
2 Field Sps.
2 Chipping "
4-6 Bobwhites
2 Nuthatches
1 Red-eyed Vireo
2 Ch. Swifts

6-23-77 Thurs. 47° — 80°
Few high, thin clouds —

1 P. Martin 2✓ 25-35 Doves
1 Kingbird 4 Crows
2 White-eyed Vireos 2 Jays
2 Barn Swallows 25-30 Grackles
3 House Wrens 4-6 Red-wings
2 Towhees 1-2 Cowbirds
6-8 Thrashers 30-40 Starlings
2 Indigo Buntings 10-12 House Sps.
2 Peewees 2 Song "
25-30 Robins 2-3 C. Wrens
20-25 Cardinals 2 Goldfinches
4-6 Mockers 2 Chickadees
2 Flickers 2-4 Titmice
4-5 Red-bellies 3-4 Meadowlarks
2 Doves 2 Field Sps.
1 Orchard Oriole 2 Chipping "
1 Red-shoulder 5-6 Bobwhites
1 Yellowthroat 1 Acad. Flycatcher
1 Red-eyed Vireo 1 Green Heron
~~Peewees~~ 1 Yellow-b. Chat
1 Hummingbird 2 Nuthatches
3-5 Bluebirds

6-24-77 Fri. 56°
Sunny; wind 5-12 mph., SW-SSW - wonderful day - cloudy in P.M. - prediction of rain -

1 Orchard Oriole 25-35 Doves
2 Yellowthroats (25) 4 Crows
2 White-eyed Vireos 4 Jays
2 Indigo Buntings 25-30 Grackles
3 House Wrens (25) 4-6 Red-wings
2 Purple Martins 2-3✓ 1-2 Cowbirds
2 Peewees 35-40 Starlings
9 Barn Swallows 10-15 House Sps.
2 Towhees 2 Song "
6-10 Thrashers 2 C. Wrens
25-30 Robins 2 Goldfinches
20-25 Cardinals 2-4 Chickadees

4-6 Mockers
2 Flickers (S)
3-5 Red-bellies
2 Downys
1 Gr.-cr. Flycatcher
1 Red-eyed Vireo
1 Pil. Woodpecker
1 Hummingbird
1 Red-shoulder
1 Whip-poor-will

3-4 Titmice
3-4 Meadowlarks
2 Field Sps.
2 Chipping "
5-6 Bobwhites
1 Green Heron
1 Nuthatch
1 TV
3-5 Bluebirds

6-25-77 Sat. 64°-75°
Overcast — occ. brief sunshine, interm. light showers 2:00-4:30 P.M. = 0.1"

Away 8:50 A.M. - 12:45 P.M. {Home Show

1 Orchard Oriole
2 White-eyed Vireos
1 Red-eyed "

25-30 Crows
4-6 Crows
2 Jays

✓ 1 Red Squirrel beside Colchester Road.

3 House Wrens (2S) +Fl.
2 Indigo Buntings
2 Towhees
6-8 Thrashers
✓ 7 Barn Swallows
20-30 Robins
20-25 Cardinals
4-6 Mockers
2 Flickers
3-5 Red-bellies
2 Downys
1 Killdeer
1 Red-shoulder
2 Peewees
1 Acad. Flycatcher
1 Catbird
~~2-7 (2) Bluebirds~~
3-5 Bluebirds

28-30 Grackles
4-5 Red-wings
1-2 Cowbirds
30-40 Starlings
10-15 House Sps.
2 Song Sps.
2 C. Wrens
1-2 Goldfinches
2 ~~3-5~~ Chickadees
3-5 Titmice
3-4 Meadowlarks
2 Field Sps.
2 Chipping "
5-6 Bobwhites
2 P. Martins
1 Nuthatch
4 Ch. Sparrows
1 Hummingbird

En route Clifton & back: O. Oriole, Ind. Bunting, Phoebe, Prairie W., Towhees, ~~etc~~. Pine W., etc.

6-26-77 Sun. 68°-87°
Clear, mild - wind SW, 5-15 mph. - scattered clouds in afternoon - great day!

Away 7:10 A.M. - 6:30 P.M. - Horse show (Clifton Lions)

1 Acad. Flycatcher
1 Green Heron
2 White-eyed Vireos
1 Red-eyed Vireo
3 House Wrens +N (25)
2 Indigo Buntings
1 Orchard Oriole
✓7 Barn Swallows
2 Peewees
✱ 1 Red-shoulder
1 Yellow-b. Chat
25-30 Robins
20-25 Cardinals
25-30 Doves
4-6 Crows
2 Jays
25-30 Grackles
5-6 Red-wings
1-2 Cowbirds
35-40 Starlings
15-20 House Sps.
2 Song "
2-4 C. Wrens
1-2 Goldfinches
3-3 Chickadees
4-5 Titmice

1 Red Squirrel at Shoemaker's "Beautiful Fields" Fr. Concorde

46 Mockers
2 Flickers
35 Red-bellies
2 Downys
2 Towhees
6-10 Thrashers
1 Wood Thrush
1 Gr.-cr. Flycatcher
3-4 Meadowlarks
2 Field Sps.
2 Chipping "
5-6 Bobwhites
3-5 Bluebirds
1 Nuthatch
1 Yellow-b. Cuckoo
5 P. Martins
2 Ch. Swifts

(49 sp.)

6-27-77 Mon. 57°-87°
High, hazy clouds much of day, but sun during mid-day - hot in aft. Breeze S 1-2-5 mph

2 Indigo Buntings (2s) 25-30 Doves
2 White-eyed Vireos 4-5 Crows
1 Red-eyed Vireo 2 Jays
3 House Wrens +N 25-30 Grackles

First Cicada song.
Woodchuck

8 Barn Swallows
5 Purple Martins
1 Orchard Oriole
2 Peewees
2 Red-shoulders IV
20-30 Robins
20-25 Cardinals
4-6 Mockers
1-2 Flickers
3-4 Red-bellies
2 Downys
2 Towhees
6-10 Thrashers
1 Wood Thrush
1 Yellow-br. Chat
1 Green Heron
1 Yellowthroat
1 Hummingbird
1 Yellow-b. Cuckoo
1 Phoebe
1 Yellow-thr. Vireo
4-5 Red-wings
1-2 Cowbirds
40+ Starlings
8-15 House Spp.
2 Song "
2 C. Wrens
1-2 Goldfinches
2 Chickadees
4-5 Titmice
3-4 Meadowlarks
2 Field Spp.
2 Chipping "
4-5 Bob Whites
1 G.-cr. Flycatcher
1 Acad. "
2-3 Nuthatches IV
1-2 Ch. Swifts
1-2 Bluebirds IV
1 T.V.
1 Catbird

6-28-77 Tues. 72°-90°
High, hazy overcast; wind SSW, 10-15 mph. until about 5:00 P.M., then shifting to E, SE, SW, very variable - to 35 mph. Two very big showers after 8:00 P.M. = 0.1"

1 Green Heron 3X
4-5 Purple Martins
7-9 Barn Swallows
2 Indigo Buntings
2 White-eyed Vireos
1 Red-eyed Vireo
1 Yellow-b. Chat
2 Peewees
3 House Wrens (+N. 25)
20-30 Robins
20-25 Cardinals
4-6 Mockers
1-2 Flickers
3-4 Red-bellies
25-30 Doves
7 Crows
2 Jays
20-25 Grackles
3-4 Red-wings
6-7 Cowbirds
150+ ~~50+~~ Starlings (150+)
10-15 House Spp.
2 Song "
1-2 C. Wrens
2 Goldfinches
2 Chickadees
2-5 Titmice
3-4 Meadowlarks

Σ Downys 2 Field Spp.
2 Towhees 2 Chipping "
6-8 Thrashers 4-5 Bobwhites
1 Acad. Flycatcher (*) 1 Red-shoulder
1 Yellow-b. Cuckoo 1 Hummingbird ♂
1 Gr.-cr. Flycatcher 1 So. Tanager
1 Orchard Oriole 2-3 Bluebirds
1 yellowthroat ✓ 1 Phoebe in yard
1 Ch. Swift

✓ Apparently young House Wrens left nest while we were out shopping (9:30-11:30 A.M.) - no feeding activity at nest in P.M.

6-29-77 Wed. 70°-92°
Partly cloudy - then overcast and very big shower about 8:00 A.M. - then intermittent clouds - wind SW, W, NW, 15-30 mph, all day.

1 Woodchuck 2X
First Damsel Fly

1-2 Indigo Buntings (S) 20-30 Doves (S)
2 Peewees (S) ✓ 7 Crows
6 House Wrens (25) 2 Jays
7-9 Barn Swallows 200+ 30-40 Grackles (S)
3-5 Purple Martins 4-6 Red-wings (S)
1 Yellow-b. Chat (S) 1-2 Cowbirds
1 Yellowthroat (S) 50-60 Starlings
1 Acad. Flycatcher (S) 10-15 House Spar
1 Gr.-cr. Flycatcher (S) 2 Song " (S)
1 So. Tanager (S) 2 C. Wrens (S)
2 White-eyed Vireos (S) 3 Goldfinches (S)
1 Red-eyed Vireo (S) 2 Chickadees (S)
25-30 Robins (S) 3-5 Titmice (S)
20-25 Cardinals (S) 2-3 Nuthatches (S)
4-6 Mockers (S) 3-4 Meadowlarks (S)
2 Flickers (S) 2 Field Spp. (S)
3 Red-bellies (14) 2 Chipping " (S)
2 Downys 3-4 Bobwhites (S)
2 Towhees (S) 2 Bluebirds (S)
6-10 Thrashers (S) 1 Hummingbird ♂
(*) 2 Red-shoulders 1 Orchard Oriole (S)

1 Yellow-thr. Vireo(s) 1 Catbird
1 Ch. Swift 1 Blue-gr. Gnatcatcher

✓ House Wrens brought at least 3 young to fence line, near house — male Wren still singing near nest box occ.

6-30-77 Thurs. 57°-87°
Cloudless early — then scattered clouds all day — wind SW, 5-15 mph. Overcast about 7:30 P.M. —

## Full Moon

1 Yellowthroat 25-30 Doves
1 Yellow-b. Chat 4-6 Crows
2 White-eyed Vireos 2 Jays
1 Red-eyed " 40-50 Grackles
2 Indigo Buntings 4-6 Red-wings
5-6 House Wrens (25) 1-2 Cowbirds
2 Towhees 300+ Starlings

Woodchuck

6-10 Thrashers 10-15 House Spo.
6-8 Barn Swallows ✓ 2 Song "
3-5 Purple Martins 1-2 C. Wrens (s)
2 Red-shoulders 2 Goldfinches
2 Peewees 3 Chickadees
1 Acad. Flycatcher 4-5 Titmice
1 Gr.-Cr. " 3-4 Meadowlarks
20-25 Robins 2 Field Spo.
20-25 Cardinals 2 Chipping "
4-6 Mockers 4-5 Bobwhites
1 Pil. Woodpecker 2 Nuthatches
2 Flickers (s) 4 Ch. Swifts
3-4 Red-bellies 2 Bluebirds
2 Downys 1 Green Heron
1 Hummingbird ♂ 1 T.V.
1 Kingbird 1 Catbird
1 Orchard Oriole (s) 1 Wood Thrush

✓ Yesterday Claire counted 18 Barn Swallows together on wires at Schirmers house on Newcastle. (2 houses away).

7-1-77 Fri. 75-59°
Cloudy - then intermitt. sunshine & clouds - wind SSW, 5-10 mph.

Away 12:15-2:30; 6:15-9:00 P.M.

1 Acad. Flycatcher
2 Peewees
1 Gr.-cr. Flycatcher
2 Indigo Buntings
1 Yellowthroat
5-6 House Wrens
2 Red-eyed Vireos
2 White-eyed Vireos
4-6 Purple Martins
5-8 Barn Swallows
2 Towhees
6-8 Thrashers (3)
1 Yellow-b. Cuckoo
1-2 Red-shoulders
25-30 Doves
4-6 Crows
2 Jays
Grackles (25)
4-6 Red-wings
1-2 Cowbirds
Starlings
8-12 House Sps.
2 Song "
1-2 C. Wrens
2 Goldfinches
3-5 Chickadees
3-5 Titmice
3-4 Meadowlarks
20-25 Robins
20-25 Cardinals
4-6 Mockers
2 Flickers
3-5 Red-bellies
2 Downys
1 Hummingbird
1 Orchard Oriole (5)
1-2 Nuthatches
2 Field Sp.
2 Chipping "
3-5 Bobwhites
1 Green Heron
2 Bluebirds
1 TV
1 Wood Thrush

7-2-77 Sat. 63°-86°
Cloudless all day - wind NNE, 5-15 mph. - glorious day.

✓ 1 Whip-poor-will 4:30 A.M.
2 Indigo Buntings 6:00 on fence
2 White-eyed Vireos
1 Red-eyed Vireo all day
1 Yellowthroat
25-30 Doves
4-5 Crows
2 Jays
15-20 Grackles
Red-wings

Woodchuck

2 Peewees
4-5 House Wrens (25)
2 Towhees
6-10 Thrashers
2 Red-shoulders
5 Barn Swallows
1 Acad. Flycatcher
20-25 Robins
20 Cardinals
4-6 Mockers
2 Flickers
3-4 Red-bellies
2 Downys
2 Bluebirds
1 Yellow-b. Cuckoo
1 Hummingbird
1 Orchard Oriole
1 Wood Thrush
1 Green Heron

1-2 Cowbirds
40-50 Starlings
8-12 House Spo.
2 Song "
1-2 C. Wrens (15)
3 Goldfinches
4-5 Chickadees
4-5 Titmice
3 Nuthatches
3-4 Meadowlarks
2 Field Sps.
2 Chipping "
3-4 Bobwhites
1 Yellow-b. Chat
4-5 P. Martins
1 TV
2 Ch. Swifts
1 Gr.-cr. Flycatcher

7-3-77 Sun. 66°-84°
Scattered clouds - wind SSW, 5-10 mph. - great day!

1 Prairie W.
1 Yellowthroat
2 White-eyed Vireos
1 Red-eyed Vireo
2 Indigo Buntings
3-5 House Wrens (25)
4-5 Barn Swallows
4-5 Purple Martins
1 Yellow-b. Chat
1 Acad. Flycatcher
1 Gr.-cr. Flycatcher
2 Peewees
2 Towhees
6-10 Thrashers
20-25 Robins

25-30 Doves
4 Crows
2 Jays
20+ Grackles
5-6 Red-wings
1-2 Cowbirds
20-30 Starlings
8-12 House Spo.
2 Song "
2 C. Wrens
2 Goldfinches
3-5 Chickadees
3-5 Titmice
3-4 Meadowlarks
2 Field Sps.

Woodchuck
Bat

20-25 Cardinals
4-6 Mockers
2 Flickers
3-4 Red-bellies
2 Downys
1 Wood Thrush
1 Hummingbird
1 Louis. Water-Thrush
~~1 Wood Thrush~~

2 Chipping Sps.
3-4 Bob-Whites
1 Orchard Oriole
2 Red-shoulders
1 Nuthatch
1 Green Heron
2-3 T.V.'s
Ch. Swift
2 Bluebirds
1 Whip-poo-will

(46 sp)

7-4-77 Mon. 68°-90°
Cloudy early - then clearing, hot and humid - cloudy in late P.M.

1 Wood Thrush
2 Indigo Buntings
2 White-eyed Vireos
1 Red-eyed Vireo

25-30 Doves
7 Crows
2 Jays
40-50 Grackles

Woodchuck
Bat

4-6 House Wrens
2 Red-shoulders
1 Yellow-throat
4-5 Barn Swallows
2 Bluebirds
20-25 Robins
20-25 Cardinals
4-6 Mockers
2 Flickers
3-5 Red-bellies
2 Downys
1 Green Heron
2 Peewees
2 Towhees
1 Yellow-br. Chat
1 Gr.-cr. Flycatcher
1 Orchard Oriole
2 Hummingbirds
3-5 Purple Martins

4-5 Red-wings
1-2 Cowbirds
40-50 Starlings
10-15 House Sps.
2 Song "
2 C. Wrens
3 Goldfinches
4-5 Chickadees
4-5 Titmice
3-4 Meadowlarks
2 Field Sps.
2 Chipping Sps.
2-3 Bob-Whites
6-8 Thrashers
1 Acad. Flycatcher
2 Nuthatches
1 T.V.
2 Ch. Swifts
~~6-8 Thrashers~~

✓ House Wrens removing nest material from box - then carrying in new "

7-5-77 Tues. 67° – 98°
Overcast early – then intermm. sunshine & clouds – heavy thunder W of Centerville, 2:35-30. Wind (occ.) in aft., 5-25 mph., NE.

✓ 1 Louis. Water-thrush
1 Yellow-thr. Vireo
1 Red-eyed "
2 White-eyed Vireo
(*) 1 Red-shoulder
4-6 House Wrens
2 Indigo Buntings
5 Purple Martins
6+5 Barn Swallows
1 Wood Thrush
2 Yellowthroats ♂♀
1 Yellow-br. Chat
20-25 Robins
15-20 Cardinals
4-6 Mockers
25-30 Doves
4-6 Crows
2-3 Jays
50+ 10-12 Grackles
4-5 Red-wings
1-2 Cowbirds
20-25 Starlings
10-15 House Spr.
2 Song "
1-2 C. Wrens
3 Goldfinches ♂♀
3-5 Chickadees
3-5 Titmice
3-4 Meadowlarks
2 Field Spr.
1-2 Flickers
3-5 Red-bellies
2 Downys
2 Towhees
1 Green Heron
1 Hummingbird
✓ 1 Hairy Woodpecker
1 Acad. Flycatcher
1 Gr.-cr. Flycatcher
1 Killdeer
2 Chipping Spr.
2-3 Bobwhites
2 Peewees
6-10 Thrashers
2 Nuthatches
✓ 1 Prairie W.
1 Yellow-b. Cuckoo
2 Bluebirds
1 Pil. Woodpecker

7-6-77 Wed. 70° – 102°
Scattered clouds all day – intermm. breeze 5-15 mph., WSW. Humid – 105° at Richmond.

✓ 1 Prairie W.
2 White-eyed Vireos
1 Red-eyed Vireo
25-30 Doves
5-6 Crows
2 Jays

2 Woodchucks ✓
Fr. Concorde - 5:45 P.M. -

5-6 House Wrens ✓ 2 (25) ~~5-6~~ Grackles
1 Orchard Oriole 4-5 Red-wings
1 Yellowthroat 1-2 Cowbirds
(*) 1 Red-shoulder 15-20 Starlings
1-2 Indigo Buntings 10-15 House Sps.
1 Wood Thrush 2 Song "
8 Barn Swallows 2 C. Wrens
2 Towhees 3 Goldfinches
6-8 Thrashers 3-4 Chickadees
20-25 Robins 3-4 Titmice
20-25 Cardinals 3-4 Meadowlarks
4-6 Mockers 2 Field Sps.
1-2 Flickers 2 Chipping "
3-4 Red-bellies 2-3 Bobwhites
2 Downys 1 Acad. Flycatcher
1 Yellow-thr. Vireo 2 Peewees
1 Green Heron 2 Nuthatches
1 Hummingbird ♂ 3-5 P. Martins
1 Yellow-br. Chat 1 TV (3x)
2 Bluebirds 1 Gr.-cr. Flycatcher
✓ 1 Louis. Water-thrush

✓ "Chuck" here - one crossing Vazquez' field -
✓ 4-5 wrens on terrace - one (5) at Hampshire's.

7-7-77 Thurs. 71° - 90°
Brief shower at 4:30 A.M. - partly cloudy early - then very hot & humid - thunder began 3:00 P.M. - severe thunder - storm 3:10 - 3:20 P.M. = 0.3" rain.

2 Indigo Buntings (25) 25-30 Doves
4-6 House Wrens (25) 5 Crows
1 Yellowthroat 2 Jays
(*) 1 Red-shoulder in yard 50+ Grackles
1 Gr.-cr. Flycatcher 4-5 Red-wings
2 White-eyed Vireos 1-2 Cowbirds
20-25 Robins 20-30 Starlings
20-25 Cardinals 8-15 House Sps.
4-6 Mockers 3 Song "
2 Flickers 2 C. Wrens
3-4 Red-bellies 3 Goldfinches
2 Downys 3-5 Chickadees
2 Towhees 3-5 Titmice
6-10 Thrashers 3-4 Meadowlarks

Woodchuck
Br. Concorde 12:10

9 Barn Swallows 2 Field Spp.
2 Green Herons 2 Chipping "
2 Bluebirds 2-4 Bobwhites
1 Acad. Flycatcher 2 Nuthatches
3-5 Purple Martins 2 Peewees
1 Red-eyed Vireo 1 TV 2-3X
2 Hummingbirds 1 Ch. Towhee
1 Red-headed Woodpecker 1 Wood Thrush
Rachel (at feeder) 1 Kingbird

7-8-77 Fri. 71° - 96°

Overcast early - then interm. clouds & sunshine; 1:30-2:30 P.M. - much thunder to west - and few drops & rain.

2 Bluebirds 25-30 Doves Mating
4-6 House Wrens 4 Crows
2 Indigo Buntings (25) 2 Jays
2 White-eyed Vireos 10-15 Grackles
2 Red-eyed Vireos (25) 20-30 Red-wings
1 Red-shoulder 1-2 Cowbirds

Fr. Concorde 5:55 PM

1 Yellowthroat 35-40 Starlings
20-25 Robins 10-15 House Spp.
20-25 Cardinals 2 Song "
4-6 Monkeys 1-2 C. Wrens
2 Flickers 3 Goldfinches
3-5 Red-bellies 3-5 Chickadees
2 Downys 3-5 Titmice
2 Peewees 1-3 Meadowlarks
9 Barn Swallows 2 Field Spp.
1 Acad. Flycatcher 2 Chipping "
1 Gr.-cr. " 2-4 Bobwhites
1 Orchard Oriole 2 Nuthatches
1 Wood Thrush 2 Hummingbirds
2 Towhees 6-10 Thrashers
2 Green Herons 2-4 P. Martins
1 Kingbird 1 Sc. Tanager

Thrashers feeding young in nest.
Robins nest-building in dogwood by parking area

7-9-77 Sat. 71°–87°
Overcast – then interm. sunshine
+ clouds, with occ. brief showers
– total 0.3" rain. Constant
thunder beyond Centerville 3:00 P.M.
on –

✓ 1 Prairie W.
1 Yellow-br. Chat
1 Yellowthroat
2 Indigo Buntings (25)
2 White-eyed Vireos
3-4 Red-eyed Vireos (25)
4-5 House Wrens (1/25)
2 Towhees
6-10 Thrashers
10 Barn Swallows
2 Pewees
1 Acad. Flycatcher
1 Gr.-cr. "
20-25 Robins
25-30 Doves
4-6 Crows
2 Jays
300+ Grackles
5-6 Red-wings
1 Cowbird
30-40 Starlings
10-15 House Spr.
2-3 Song "
2-3 C. Wrens
3 Goldfinches
3-5 Chickadees
3-5 Titmice
3-4 Meadowlarks
20-25 Cardinals
4-6 Woodpeckers
2 Flickers
3 Red-bellies
2 Downys
1 Wood Thrush
1-2 P. Martins
1 Ac. Tanager
✓ 1 Blue-gr. Gnatcatcher
2 Field Spr.
2 Chipping "
3-4 Bobwhites
2-3 Nuthatches
1 Red-shoulder
2 Hummingbirds
1 Ch. Swift
✓ 1 Orchard Oriole

✓ House Wrens still carrying nest material in box where they raised first brood.
2 Imm. Red-shoulder in our woods nearly all day – on lawn once for a few minutes – calling almost constantly.

7-10-77 Sun. 71°-87°
Partly cloudy - humid - much sun, then overcast all afternoon - wind NE 5-10 mph to about 4:00, then dead calm.

1 Yellowthroat . 25-30 Doves
2 Indigo Buntings (25) 4 Crows
2 Towhees 2 Jays
6-10 Thrashers 20-30 Grackles
2 White-eyed Vireos 4-5 Red-wings
1 Red-eyed Vireo ?1 Cowbird
* 1 Red-shoulder 20-30 Starlings
4-6 House Wrens (25) 10-15 House Sp.
2 Peewees 3 Song "
20-25 Robins mating 1-2 C. Wrens
20+ Cardinals 3 Goldfinches
4-5 Mockers 3-5 Chickadees
2 Flickers 3-5 Titmice
3 Red-bellies 2-3 Meadowlarks
2 Doves 2 Field Sps.
2 Barn Swallows 2 Chipping "
1 Wood Thrush 2-4 Bob Whites
2 Hummingbirds 3-5 Purple Martins
1 Gr.-cr. Flycatcher 1 Orchard Oriole
1 Acad. " 1 Green Heron
1 Blue-gr. Gnatcatcher 2 Bluebirds

7-11-77 Mon. 71°-82°
Light rain began about 4:30 A.M. - continuing occ. light showers to 8:00 A.M. Thunderstorm hit at 2:30, with 5± winds to 30 mph. (rain 20 min.) - Total for day - 0.5"

✓ 1 Kingfisher . 25-30 Doves
1 Yellowthroat in yard 9 Crows
2 White-eyed Vireos 2 Jays
1 Red-eyed " 20-30 Grackles

2 Indigo Buntings (25) 5-6 Red-wings
1-2 Towhees 100+ Starlings
6-10 Thrashers 10-15 House Spo.
3-6 Barn Swallows 3 Song "
20-25 Robins 1-2 C. Wrens
20-25 Cardinals (14?) 3 Goldfinches
4-6 Mockers 3-5 Chickadees
2 Flickers (5) ~~3-5~~ 6 Titmice
3-4 Red-bellies 3-4 Meadowlarks
2 Doves 2 Field Spo.
(*) 1 Red-shoulder Imm. 2 Chipping "
3-5 House Wrens (25) 5-6 Bob Whites ✓
3 Purple Martins 1 Cowbird
2 Peewees 2 Hummingbirds
1 Green Heron 2 Bluebirds
1 Acad. Flycatcher 1 TV
1 Wood Thrush

✓ 2 Pairs of Bob Whites (pairs not together) crossing front yard.
2 Claire saw 18-20 Barn Swallows

on Colchester Rd. - near Newman.
20 1/2 Bob Whites in front yard together at 7:15 P.M.

7-12-77 Tues. 74°-90°
Overcast - wind S, 10-15 mph. -
Thunder to west, 2:00 P.M. on - brief rain 4:20 P.M. - then storm hit 5:10 P.M. - to 6:15 = 0.8" rain - wind about 50 mph, N.E., at peak of storm. up to 2.0" rain at Mt. Vernon, etc.
2 Indigo Buntings (S) 20-30 Doves (S)
2 White-eyed Vireos (S) 4-6 Crows
1 Red-eyed Vireo (S) 2 Jays
4-5 House Wrens (2 S) 20-30 Grackles
2 Peewees (S) 2-3 Red-wings
1 Acad. Flycatcher (2) 1 Cowbird
(*) 1 Red-shoulder 35-40 Starlings
4-6 Barn Swallows 10-15 House Spo.
1 Yellowthroat (S) 3 Song " (S)

2 Towhees (S)
6-10 Thrashers (S)
20-25 Robins (S)
20-25 Cardinals (S)
4-6 Mockers (S)
1 Red. Woodpecker
2 Flickers (S)
3-4 Red-bellies
2 Downys
2-4 Purple Martins ✓
1 Ac. Jayager
1 Wood Thrush

1-2 C. Wrens (S)
3 Goldfinches (S)
3-5 Chickadees
3-5 Titmice
2-3 Meadowlarks (S)
2 Field Spo. (S)
2 Chipping " (S)
4-6 Bobwhites (S)
2 Hummingbirds
1 Bl. + Wh. Warbler 4:40 P.M.
1 Green Heron

7-13-77 Wed. 70° - 91°
Hot, humid - partly cloudy;
thunder to West, 2-5:00 P.M. -
thunder-heads around
horizon -

2 Bluebirds
3 Indigo Buntings (3S)
4-5 House Wrens (2S)
2 White-eyed Vireos
1 Yellowthroat
2 Towhees
6-10 Thrashers
2 Peewees
1 Acad. Flycatcher
✓ 1 No. Oriole
20-25 Robins 3
20-25 Cardinals
6-8 Mockers 2 ✓
2 Flickers
3-5 Red-bellies
2 Downys
1 Green Heron
(*) 1 Red-shoulder Imm.
1 Red-eyed Vireo
3-5 Barn Swallows
1 Wood Thrush

25-30 Doves
4-5 Crows 14
3 Jays
10-15 Grackles
1-2 Red-wings
1-2 Cowbirds
25-30 Starlings
10-15 House Spo.
3 Song "
1-2 C. Wrens
3 Goldfinches
3-5 Chickadees
3-5 Titmice
2-3 Meadowlarks
2 Field Spo.
2 Chipping "
4-5 Bobwhites
2 Nuthatches
2 Purple Martins
1 Gr.-c. Flycatcher
2 Hummingbirds

✓ 1 Grasshopper Sp. (5) 1 Killdeer
1 Pil. Woodpecker 1 Y-b. Cuckoo
1 Orchard Oriole (s) ~~1 P. Martin~~
✓ 1 Catbird ✓ 2 Kingbirds
1 Ch. Swift
✓ First young Mockers (2)
of year on home over terrace.
½ First young Jay (1) of
season.
3/4 1 Imm. Cardinal (bill still quite dark) singing in maple tree — a continuous 10 min. song — very Mockingbird like.

7-14-77 Thurs. 67°
Cool in A.M. — partly cloudy all day — hot from early A.M. on — mostly clear late aft.
Wind NNW, 2-10 mph.

Fr. Concorde 5:45

3-5 Indigo Buntings +V (25) 25-30 Doves
1 Red-eyed Vireo 4-5 Crows
2 White-eyed Vireos 2 Jays
3-6 House Wrens (25) Grackles
1 Yellowthroat Red-wings
Barn Swallows 4 Cowbirds
(30) 1 Red-shoulder (Imm.) Starlings
2 Towhees 10-15 House Sps.
6-8 Thrashers 3 Song "
2 Bluebirds 2 C. Wrens
20-25 Robins 3 Goldfinches
20-25 Cardinals 3-5 Chickadees
5-6 Mockers 3-5 Titmice
1 Pil. Woodpecker 2-3 Meadowlarks
2 Flickers (s) 1 Field Sp.
3-4 Red-bellies 2 Chipping "
2 Downys 3-4 Bob Whites
1 Acad. Flycatcher 2-3 Nuthatches
3-4 Ch. Swifts ~~Bluebirds~~
2 Hummingbirds 2-3 P. Martins
1 Killdeer 2 Peewees

1 Yellow-th. Vireo(s) 1 Catbird
✓ 1 Blue-gr. Gnatcatcher

7-15-77 Fri. 65° - 88°
a few high, wispy clouds -
breeze SE, 5 mph. - hot!

Away 6:15 P.M. - 8:00 P.M. -
dinner at August Moon.

1 Catbird 25-30 Doves
2 Indigo Buntings (25) 45 Crows
4-5 House Wrens (25) 2 Jays
1 Yellowthroat 5-6 Grackles
2 White-eyed Vireos 1-2 Red-wings
2 Towhees ? 1 Cowbird
4-6 Thrashers 30+ Starlings
1 Red-eyed Vireo 10-15 House Spr.
1 Wood Thrush 2 Song "
1 Acad. Flycatcher 2-3 C. Wrens
20-25 Robins 3 Goldfinches

20-25 Cardinals 3-5 Chickadees
4-6 Mockers ✓ 3-5 Titmice
2 Flickers 2-3 Meadowlarks
3-4 Red-bellies 2 Field Spr.
2 Downys 2 Chipping "
3-4 Barn Swallows 3-4 Bobwhites
1 Gr.-cr. Flycatcher 2 Nuthatches
1 Yellow-b. Cuckoo in yard 1 Red-shoulder
3(?) Hummingbirds (1Y) 2 TV's
1 Yellow-th. Vireo 1 Gr. Heron
2-3 Purple Martins ✓ 1 Whip-poor-
1 Bl.-gr. Gnatcatcher will

~ about 8:00 P.M. - very young Mockingbird fledgling on Newman Rd., near Vazquez gate - could run fast, wing-assisted, with big bumps. Far less advanced than the two in our yard a few days ago. It turned into Vazquez' yard.

(47 sp.)

7-16-77 Sat. 67°-95°
Clear, hot, humid - occ.
breeze, 2-10 mph. -

1 Whip-poor-will 25-30 Doves
1 Grasshopper Sp. 4 Crows
2 Indigo Buntings (2s) 2 Jays
3-5 House Wrens (2s) ~~150+ 20+~~ Grackles
1 Yellowthroat 2-3 Red-wings
2 White-eyed Vireos 1 Cowbird
1 Red-eyed Vireo 35-40 Starlings
1 Yellowthroat 10-15 House Sps.
1 Acad. Flycatcher 2 Song "
1 Gr-cr. " 2-3 C. Wrens
2 Towhees 3 Goldfinches
6-10 Thrashers ✓ 3-5 Chickadees
1 Wood Thrush 3-5 Titmice
20-25 Robins 2 Nuthatches
20-25 Cardinals 2-3 Meadowlarks

1 Woodchuck. Three deer - 2 adults + 1 spotted (⅓ grown) fawn in Vazques' meadow 9:00 AM.
4-9 Rockers 2 Field Sps.
2 Flickers (2s) 2 Chipping "
3-4 Red-bellies 4-6 Bobwhites
2 Downys 2 Bluebirds
3-5 Barn Swallows 1 Green Heron
3-5 ~~2-3~~ Purple Martins 1 Catbird
1 Ac. Tanager (*) Red-shoulder
1 Yellow-thr. Vireo 1 Blue-gr. Gnatcatcher
2 Hummingbirds

✓ Thrashers busily eating sunflower seeds in recent days - carrying into grass, then pounding away until seed was cracked to get meat. Thrashers also eating some adult Japs. beetles; Cardinals & House Sps. eating them all day.

7-17-77 Sun. 67° – 91°
Cloudless; hot, humid – cloudy late aft.; breeze 5–10 mph., variable. Brief shower 8:00 P.M. = 0.1"

1 Whip-poor-will 5:20 A.M.
2 Indigo Buntings (2s)
2 White-eyed Vireos
1 Red-eyed Vireo
1 Wood Thrush
4-6 House Wrens √
1 Acad. Flycatcher
2 Towhees
6-10 Thrashers
3-5 Barn Swallows
3-5 Purple Martins
1 Green Heron
1 Blue-g. Gnatcatcher
1 Red-shoulder √?
25-30 Doves
4 Crows
2 Jays
10-15 Grackles
1-2 Red-wings
1 Cowbird?
30-40 Starlings
10-15 House Spr.
3 Song "
2-3 C. Wrens
3 Goldfinches
3-5 Chickadees
3-5 Titmice
Nuthatches
Woodchucks
20-25 Robins
25-30 Cardinals
6-8 Mockers
2 Peewees
2 Flickers
3-4 Red-bellies
2 Downys
1 Gr.-cr. Flycatcher "in hand"
1 Yellow-b. Cuckoo
2-3 Meadowlarks
2 Field Spr.
2 Chipping "
3-5 Bobwhites
2-3 Hummingbirds
2 Ch. Sweets
1 Yellow-thr. Vireo

√ Twiggy caught young H. Wren – laid it on floor by fireplace – released uninjured.

7-18-77 Mon. 70° – 92°
Cloudless – heat haze most of day – occ. breeze, NW & E, 5-10 mph. Humid!

Away 9:40 A.M. – 1:00 P.M.

Woodchuck
Fr. Concorde, 5:58 P.M.

2 Indigo Buntings (25) 25-30 Doves
3-5 House Wrens (25) 4 Crows
2 White-eyed Vireos 2 Jays
1 Red-eyed Vireo 20-30 Grackles
2 Towhees 30-40 Starlings
6-10 Thrashers 10-15 House Sps.
3-5 Barn Swallows 3 Song "
3-5 2-4 Purple Martins 2 C. Wrens
1 Wood Thrush 3 Goldfinches
1 Acad. Flycatcher 3-5 Chickadees
20-25 Robins 3-5 Titmice
25-30 Cardinals 2-3 Meadowlarks
5-6 Mockers. 2 Field Sps.
2 Flickers 2 Chipping "
3 Red-bellies 4-6 Bobwhites
2 Downys 1 Greenbrier
1 Gr.-cr. Flycatcher 2 Pewees
✓ 1 Louis. Water-thrush 2X ✓ 1 Red-h. Woodpecker
1 Yellowthroat 1-2 TVs
2-3 Hummingbirds 2-3 Nuthatches
1 Blue-gr. Gnatcatcher

2 Ch. Swifts 12 Red-wings
1 Red-shoulder

15-20 Barn Swallows at Bay Ridge Stables in Western Fairfax Co. - 13.3 mi. from here. One Kingbird en route, few Red-wings - not much else.

7-19-77 Tues. 66° - 92°
Sun is due today.
Clear early - overcast in aft.
hot, humid - occ. breeze

1 Whip-poor-will 25-30 Doves
2 Indigo Buntings (25) 4 Crows
2 White-eyed Vireos 2 Jays
1 Red-eyed Vireo Grackles

Woodchuck
1 Deer

1 Yellowthroat
3-4 House Wrens (25) 25-30 Starlings
2 Towhees
6-10 Grackles
3-5 Barn Swallows
3-5 Purple Martins
1 Wood Thrush
1 Acad. Flycatcher
20-25 Robins
20- Cardinals
6-8 Warblers
1 Pil. Woodpecker
2 Flickers
2-3 Red-bellies
1-2 Doves
2 Hummingbirds
1 Blue-gr. Gnatcatcher
Red-wings
10-15 House Sp.
2-3 Song "
1-2 C. Wrens
3 Goldfinches
3-5 Chickadees
3-5 Titmice
2 Nuthatches
2-3 Meadowlarks
2 Field Sps.
2 Chipping "
3-4 Bobwhites
1 Green Heron
1 Orchard Oriole
1 TV

7-20-77 Wed. 72°-89°
Thunder-shower began about 6:00 A.M. - ending about 9:00 A.M. = 0.5" rain - very hot & humid - only occ. breeze 2-5 mph - NE.

2 Indigo Buntings (25) 25-30 Doves
3-4 House Wrens (25) 4 Crows
2 White-eyed Vireos
1 Red-eyed Vireo
1-2 Towhees
6-10 Thrashers
3-5 Barn Swallows
2 Hummingbirds
20-25 Robins
20-25 Cardinals
5-6 Warblers
2 Flickers
3 Red-bellies
2 Jays
6-8 Grackles
1-2 Red-wings
30-35 Starlings
10-15 House Sp.
3 Song "
2 C. Wrens
3 Goldfinches
3-5 Chickadees
3-5 Titmice
2 Nuthatches

Fr. Concorde 5:50 P.M.

1-2 Doves 2-3 Meadowlarks
1 Blue-gr. Gnatcatcher 2 Field Sps.
1 Catbird 2 Chipping "
3-5 Purple Martins 3-4 Bobwhites
2 ~~Hummingbirds~~ 1 Sc. Tanager
1 Green Heron 2 Peewees
1 Yellow-b. Cuckoo 1 Acad. Flycatcher
1 Yellow-thr. Vireo 2 Ch.-Swifts
1 Red-shoulder 1 Yellowthroat
1 Whip-poor-will

7-21-77 Thurs. 75°-91°
Sue leaves today — away 10:25 A.M.
Cloudless, hazy, breeze NNE, 5-10 mph. — sudden thunderstorm about 6:30 P.M. — with winds to 40 mph. — 0.5" rain in 10 min. — thunder.

Br. Concorde 12:05 PM
Fr. Concorde 6:00 P.M.

1 Yellowthroat 25-30 Doves
2 Indigo Buntings (2s) 4-5 Crows
3-5 House Wrens (2s) 2 Jays
1 Red-eyed Vireo 3-4 Grackles
2 White-eyed Vireos 1-2 Red-wings
1-2 Towhees 30+ Starlings
6-10 Cowbirds 10-15 House Sps.
1 Wood Thrush 2-3 Song "
1 Whip-poor-will 5:30 AM 6:00 PM 1-2 C. Wrens
3-5 Barn Swallows 3 Goldfinches
2-3 Purple Martins 3 Chickadees
20-25 Robins 3-5 ~~Titmice~~ Titmice
25+ Cardinals 1-2 Nuthatches
6-8 Mockers 2-3 Meadowlarks
2 Flickers 2 Field Sps.
2-3 Red-bellies 2 Chipping "
1-2 Downys 3-4 Bobwhites
1 Acad. Flycatcher 1 Catbird
2 Hummingbirds 1 Green Heron
1 Blue-gr. Gnatcatcher

7-22-77 Fri. 74° – 85°
Cloudy early; wind NW/NE/5-25 mph, all day – a great day! Low Humidity –

2 Indigo Buntings 25-30 Doves
1 Yellowthroat 4 Crows
3-5 House Wrens (25) 1-2 Jays
3 Towhees (1 ♀) 5-6 Grackles
6-10 Thrashers 20-30 Starlings
1 Whip-poor-will 5:25 AM 10-15 House Sps.
2-3 Hummingbirds 3 Song "
2 White-eyed Vireos 1-2 C. Wrens
1 Red-eyed Vireo 3 Goldfinches
20-25 Robins 3-5 Chickadees
20-25 Cardinals 3-5 Titmice
6-8 Mockers 2 Nuthatches
2 Flickers 2-3 Meadowlarks
3 Red-bellies 2 Field Sps.
2 Downys 2 Chipping Sps.
1 Blue-gr. Gnatcatcher 3-5 Bobwhites
1 Yellow-b. Cuckoo 3-5 Purple Martins
3-4 Barn Swallows 2 Red-wings
1 Yellow-thr. Vireo 1 Orchard Oriole 2x
2 Red-wings 1 T.V.
5 Cowbirds 1 Ch. Swift
1 Blue-gr. Gnatcatcher 1 Green Heron
2 Peewees

7-23-77 Sat. 54° – 79°
Few small, scattered clouds, cool – wind NW, 5-10 mph. – great day!

2 Indigo Buntings 25-30 Doves
3-5 House Wrens (25) 4-5 Crows
1 Red-shoulder Hawk 2 Jays
2 White-eyed Vireos 12-15 Grackles

Woodchuck

1 ~~Red~~ Gold
1 ~~White~~ -eyed Vireo
1 Wood Thrush
1 Gr.-cr. Flycatcher
1 Acad. Flycatcher
2 Peewees
2-3 Towhees
6-10 Thrashers
1 Yellowthroat
20-25 Robins
20-25 Cardinals ~~2~~ 4
6-8 Mockers
2 Titlikes
3 Red-bellies
1 Blue-g. Gnatcher
3-5 Purple Martins
2-3 Hummingbirds
1 Pil. Woodpecker
1 Yellow-thr. Vireo

2-3 Red-wings
30-40 Starlings
10-15 House Sps.
2 Song "
1-2 C. Wrens
3 Goldfinches
2-3 Chickadees
4-6 Titmice
1-2 Nuthatches
2-3 Meadowlarks
2 Field Sps.
2 Chipping "
3-4 Bobwhites
4-5 Barn Swallows
2 Cowbirds
1 Green Heron
1-2 Downys

1 Young Red-shoulder about yard most of every day —

haven't seen adults in weeks.
2 Tiny fledgling Cardinal in Chinese Holly in aft., calling (tail about 3/8" long) — flew to white oak (20 ft.) — tried for hammock rock & missed — then flew 75-90 feet down yard. Parents joined it.

At Carter Johnston's: Blue-g. Gnatcatcher, White-eyed Vireo, Red-shoulder, Sr. Tanager, etc.

7-24-77 Sun. 61°-83°
A few clouds — cool. Cloudier & warm in P.M.; wind SE, then SW, 5-25 mph.

1 Deer

✓ 1 Kingbird (In yard 2 x) ✓ 25-30 Doves
2-3 Indigo Buntings (25) 4 Crows
3-4 House Wrens (25) ✓ 2 Jays
(*) 1 Red-shoulder 6-10 Grackles
2 Hummingbirds 1-2 Red-wings
2 White-eyed Vireos 1-2 Cowbirds
1 Red-eyed Vireo 30-40 Starlings
1 Acad. Flycatcher 10-15 House Sps.
20-25 Robins 2-3 Song "
25+ Cardinals 1-2 C. Wrens
4-6 Mockers 2-3 Goldfinches
1 Rib. Woodpecker 3-5 Chickadees
2 Flickers 4-6 Titmice
3 Red-bellies 2 Nuthatches
1-2 Downys 2-3 Meadowlarks
1-2 Peewees 2 Field Sps.
2-3 Towhees 2 Chipping "
6-10 Thrashers 3-4 Bobwhites
1 Wood Thrush 1 Yellowthroat
5-6 Barn Swallows ✓ 1 Gr.-cr. Flycatcher in yard
3-5 Purple Martins 1 Blue-gr. Gnatcatcher

✓ 50± Barn Swallows on wires & over field at Colchester Rd. & Newman Rd.
✓ Kingbird in yard in A.M. — then again in afternoon, with Gr.-cr. Flycatcher.
✓ Both House Wrens carrying food to nest all day.

7-25-77 Mon. 70°-78°
Cloudy, wind W, 10-20 mph. — interm. showers began about 1:15 P.M. — good rain by 5:45 P.M. Total = 0.6"

2 Indigo Buntings 25-30 Doves
1 Yellowthroat 4 Crows
1 Yellow-b. Cuckoo 2 Jays
3 House Wrens (25) 6-8 Grackles
1 Wood Thrush 1-2 Red-wings

2-3 Towhees
6-10 Thrashers
6-8 Barn Swallows
3-5 Purple Martins
20-25 Robins
20-25 Cardinals
5-6 Mockers
2 Flickers
3 Red-bellies
1-2 Downys
2 White-eyed Vireos
1 Red-eyed Vireo
1 Acad. Flycatcher
2 Blue-gr. Gnatcatchers
1 Gr.-cr. Flycatcher
2 Ch. Swifts

20-30 Starlings
10-15 House Spr.
3 Song "
1-2 C. Wrens
3 Goldfinches
3-5 Chickadees
4-6 Titmice
2 Nuthatches
2-3 Meadowlarks
2 Field Spr.
2 Chipping "
3-4 Bobwhites
1 Red-shoulder
3 Hummingbirds
2 Peewees
1 young

7-26-77 Tues - 63°-76°
Almost cloudless early, then a few high clouds in P.M.; wind NE to SE, 15-25 m.p.h. Glorious!

2 Indigo Buntings (2s)
1 Red-eyed Vireo
2 White-eyed Vireos
1 Green Heron
1 Yellow-throat
3 House Wrens (2s)
1 Wood Thrush
2-3 Towhees
6-10 Thrashers
1 Acad. Flycatcher
2 Peewees
20-25 Robins
20-25 Cardinals
6-8 Mockers
2 Flickers
3 Red-bellies
1-2 Downys
1-2 Blue-gr. Gnatcatchers
3-5 Purple Martins
3 Hummingbirds
3 Mo. (P) Orioles (3 young)

25-30 Doves
4 Crows
2 Jays
10 Grackles
1-2 Red-wings
30+ Starlings
10-15 House Spr.
2-3 Song "
1-2 C. Wrens
3 Goldfinches
3-5 Chickadees
4-6 Titmice
1-2 Nuthatches
2-3 Meadowlarks
2 Field Spr.
2 Chipping "
3-4 Bobwhites
10-15 Barn Swallows
~~2 Green Herons~~
1 Cowbird
1 T V (3x)

Fr. Concorde 6:00 P.M.

6 Ch. Swifts 1 Prairie W. (s)
1 Bl. & Wh. W. ♂ ~~1 Cowbird~~
1 Parula W. ♂ in yard (*) 1 Red-shoulder

Claire first spotted both Bl. & White
& Parula Ws. in yard – both males.
3 Young No. Orioles, or 1 ♀ & 2 ♂ (not certain)
7/27 7 – 27 7 Wed. 55° – 76°.
Cloudy, cool, then few high cirrus clouds; wind NW, 5–20 mph. Just perfect!

3 Indigo Buntings (25 / 14) 25-30 Doves
1 Prairie W. 4-5 Crows
1 Gr.-cr. Flycatcher 2-3 Jays
2 White-eyed Vireos 6-8 Grackles
2-3 Red-eyed Vireos 1-2 Red-wings
1 Yellowthroat 30+ Starlings
12-15 Barn Swallows 10-15 House Sps.

Killed 5+ Black Snake in tractor house –

1-2 Towhees 3 Song Sps.
6-10 Thrashers 1-2 C. Wrens
20-25 Robins 3 Goldfinches
20-25 Cardinals 3-5 Chickadees
5-6 Mockers 4-6 Titmice
2 Flickers 2 Nuthatches
2 Red-bellies 2-3 Meadowlarks
1-2 Downys 2 Field Sps.
1 Wood Thrush 2 Chipping "
2 Peewees 3-4 Bob Whites
1 Sc. Tanager (s) in yard 2-3 Hummingbirds
3 Purple Martins 1 Green Heron
3+ House Wrens ✓ 1 Phoebe
1 Acad. Flycatcher 1 TV 3X
2 Blue-g. Gnatchers 5-6 Ch. Swifts
3-4 No. Orioles 1 Yellow-b. Cuckoo

✓ Young House Wrens calling in nest-box.

7-28-77 Thurs. 49° - 78°
Cloudless, cool; breeze mainly
S2, 5-10 mph. - another great
day!

2-3 Indigo Buntings (25) 25-30 Doves
3 House Wrens (25) +NestHings 4 Crows
1 Yellowthroat 2-3 Jays
1 So. Tanager 6-8 Grackles
1 Acad. Flycatcher 1-2 Red-wings
1 Gr.-cr. " 30+ Starlings
2 White-eyed Vireos 10-20 House Sps.
2 Red-eyed " 2-3 Song "
2-3 Towhees 1-2 C. Wrens
6-10 Thrashers 3 Goldfinches
30-25 Robins 3-5 Chickadees
20-25 Cardinals 4-6 Titmice
5-6 Warblers 1-2 Nuthatches
2-7 Flickers 2-3 Meadowlarks

1-2 Red-bellies 2 Field Spo.
1-2 Downys 2 Chipping "
1 Red-shoulder 3-4 Bobwhites
1 Wood Thrush 2 Peewees
6-8 Barn Swallows 3-5 Purple Martins
1-2 Blue gr. Gnatcatchers 2 Orchard Orioles (3) (4)
2-3 Hummingbirds 2 Ch. Swifts
1 No. Oriole 2x 1 TV

(4 MP)

7-29-77 Fri. 58° - 81°
Overcast early - then mostly clear
to mid-aft.; then overcast
again (rain due in) - wind SE,
5-20 mph. Rain began 7:30 PM
= 0.05" in brief shower.

2-3 Indigo Buntings (25) 25-30 Doves
3 House Wrens (+N) 25 4 Crows
1 Yellowthroat 2 Jays
1 Wood Thrush 12-15 Grackles

# Full Moon

1 Acad. Flycatcher
1 Gr.-cr. "
2 Peewees
2 White-eyed Vireos
2 Red-eyed "
2-3 Towhees
6-10 Thrashers
6-8 Barn Swallows
3-5 Purple Martins
20-25 Robins
20-25 Cardinals
6-8 Mockers
2 Flickers
1-2 Red-bellies
1-2 Downys
✓ 1 Yellow-thr. Vireo (*)
✓ 1 Louis. Water-thrush
✓ 1 Whip-poor-will (5:20 AM)
1 Yellow-b. Cuckoo

1-2 Red-wings
30-50 ~~20+~~ Starlings
10-15 House Sps.
2-3 Song "
1-2 C. Wrens
2-3 Goldfinches
3-5 Chickadees
4-6 Titmice
1-2 Nuthatches (S)
2-3 Meadowlarks
2 Field Sps.
2 Chipping "
3-4 Bobwhites
2 Blue-gr. Gnatcatchers
2-3 Hummingbirds
1 Red-shoulder
1 No. Oriole
3 TVs
1 Gr. Heron
3 Cowbirds

(47 sp.)

7-30-77 Sat. 68°-81°
Overcast early — occ. bright sun — wind N, NW, 10-15 mph.

3 Indigo Buntings 25 10
3+ House Wrens (25 +N)
1 Yellowthroat
1 Green Heron
2 Wood Thrushes (25)
2 White-eyed Vireos
2 Red-eyed Vireos (25)
2 Blue-gr. Gnatcatchers
1 Yellow-b. Cuckoo 2-34
4-5 Barn Swallows
3-8 Purple Martins
20-25 Robins
20-25 Cardinals
8-6 Mockers

25-30 Doves
4 Crows
3 Jays (14)
5-6 Grackles
1-2 Red-wings
1-2 Cowbirds
20+ Starlings
15-20 House Sps.
3 Song "
1-2 C. Wrens
3 Goldfinches
3-5 Chickadees
4-6 Titmice
1-2 Nuthatches

Fr. Concorde 5:45

2 Flickers
1-2 Red-bellies
1-2 Downys
1 Red-shoulder
2-3 Hummingbirds
1 Acad. Flycatcher
1 Gr.-cr. "
1 Catbird
✓ 1 Louis. Water-thrush (S) in yard

2-3 Meadowlarks
2 Field Sps.
2 Chipping "
3-4 Bobwhites
2-3 Towhees
6-10 Thrashers
2 Peewees
2 Bluebirds
1 TV
1 Cowbird

7-31-77 Sun. 62° – 86°
Light fog; high haze – then clearing, warming thru day – wind SE, 10-20 mph, all day –

1 Killdeer
1 Sc. Tanager
2-3 Indigo Buntings (25)
2-3 Wood Thrushes

25-30 Doves
4 Crows
2-3 Jays
5-6 Grackles
100+ (W-E)

1 Acad. Flycatcher
1 Gr.-cr. "
3 House Wrens (25) + Nestlings
2 Peewees
✓ 5 Purple Martins
4-6 Barn Swallows
1 Yellowthroat
(*) 1 Red-shoulder
20-25 Robins
20-25 Cardinals
5-6 Mockers
2 Flickers
1-2 Red-bellies
1-2 Downys
2-3 Hummingbirds
2 Towhees
2 Blue-gr. Gnatcatchers
1 Catbird
2 Ch. Swifts
1-2 Bluebirds

1-2 Red-wing
20+ Starlings
8-12-15 House Sps.
3 Song "
1-2 C. Wrens (S)
2-3 Goldfinches
3-5 Chickadees
4-6 Titmice
1-2 Nuthatches
2-3 Meadowlarks
2 Field Sps.
2 Chipping "
3-4 Bobwhites
2 White-eyed Vireos
2 Red-eyed "
6-8 Thrashers
1 Yellow-b. Cuckoo
1 Green Heron
1 Pil. Woodpecker

1 Bat

8-1-77 Mon 69° — 84°
Hazy overcast; then sunny.
- severe thunderstorm moved
in at 2:00 P.M. - driving rain
deep into garage; heavy hail, pea
to marble-sized; rain ended
3:45 P.M. = 0.7" rain.

2 Bluebirds
2-3 Indigo Buntings (25)
1 Yellowthroat
3 (+N) House Wrens (25)
2 Red-eyed Vireos
2 White-eyed Vireos
2 Veeries
2-3 Wood Thrushes
3-5 Barn Swallows
3-5 Purple Martins
1 Acad. Flycatcher
1 Gr.-c. Flycatcher
2 Towhees
6-10 Thrashers
25-30 Doves
4 Crows
2-3 Jays
4-5 Grackles
1-2 Red-wings
30± Starlings
12-15 House Spr.
2-3 Song "
1-2 C. Wrens
3 Goldfinches
3-5 Chickadees
4-6 Titmice
1-2 Nuthatches
2-3 Meadowlarks

1 Woodchuck
Killed 4+' Black snake on
drive at Pfitzer Juniper -

20-25 Robins
20-25 Cardinals
5-6 Mockers
1 Pil. Woodpecker
2 Flickers
1-2 Red-bellies
1-2 Doves
2 Field Spr.
2 Chipping "
2-4 Bob Whites
1 No. Oriole
1 Yellow-b. Cuckoo

Rain soaked this bird note book
in 2-3 min. Swan in house -
it was inner end of table in
garage.

8-2-77 Tues. 61°-82°
Scattered clouds - warm sunshine
much of day - breeze SE, 5-10
mph

Woodchuck

2-3 Indigo Buntings
3+ House Wrens (+N (25))
1 Red-shoulder
4 Purple Martins
3-5 Barn Swallows
2 White-eyed Vireos
2 Red-eyed "
1 Yellowthroat
1 No. Oriole
20-25 Robins
20-25 Cardinals
5-6 Mockers
2 Flickers
1-2 Red-bellies
1-2 Downys
3-4 Pewees
2-3 Wood Thrushes (2-3?)
2-3 Towhees
2 Bluebirds
1 Pil. Woodpecker
2 Hummingbirds
25-30 Doves
4 Crows
2-3 Jays
Grackles
Red-wings
25-30 Starlings
12-15 House Sps.
3-4 Song "
1-2 C. Wrens
3 Goldfinches
3-4 Cuckoos
4-6 Titmice
1-2 Nuthatches
2-4 Meadowlarks
2 Field Sps.
2 Chipping "
3-4 Bobwhites
6-8 Thrashers
1 Yellow-b. Cuckoo
2 Ch. Swifts
1 Gr. Heron

Fr. Concorde 5:50 PM

2 Blue-gr. Gnatcatchers
1 Whip-poor-will 4:50 A.M.

1 Song Sparrow have 1-2 fledglings — perhaps more.
2 Pewees have young on wing — number uncertain — adults have been chasing Jays vigorously for past two days — probably means young were out and I didn't notice them earlier.

8-3-77 Wed. 69°-83°
Overcast, wind S, 10-20 mph., SW in P.M. — light rain began about 4:30 P.M. = 0.1".

2-4 Indigo Buntings (25) 25-30 Doves
3 House Wrens +N (25) 4 Crows
1 Yellowthroat 2-3 Jays
3-5 Peewees 4-5 Grackles
2 Red-eyed Vireos 1-2 Red-wings
2 White-eyed " 20+ Starlings
3 Purple Martins 10-20 House Spp.
3-5 Barn Swallows 3-4 Song "
2-3 Towhees 1-2 C. Wrens
5-6 Thrashers 3 Goldfinches
20-25 Robins 3-5 Chickadees
20-25 Cardinals 4-6 Titmice
4-5 Mockers 2 Nuthatches
2 Flickers 2-3 Meadowlarks
1-2 Red-bellies 2 Field Spp.
1 Downy " 1-2 Chipping "
2-3 Wood Thrushes 2-3 Robin Snipes
1 Gr.-cr.-Flycatcher 2 Ch. Swifts
1 Acad. " 2 Ro. Orioles
2-3 Hummingbirds 1 Gr. Heron
1 Yellow-b. Cuckoo 2 Bluebirds

1 Blue-gr. Gnatcatcher
1 Pil. Woodpecker

8-4-77 Thurs. 66°-92°
Clear, somewhat hazy air;
breeze SW, 2-10 mph.

2-3 Indigo Buntings (25) 25-30 Doves
3 House Wrens +N (25) 4 Crows
1 Yellowthroat 2 Jays
2 Red-eyed Vireos (25) 2 Grackles
2 White-eyed " Red-wings
3-4 Peewees 20+ Starlings
3 Purple Martins 10-15 House Spp.
3-4 Barn Swallows 3-4 Song "
2 Wood Thrushes 1-2 C. Wrens
1-3 Hummingbirds 2-3 Goldfinches

✓ 1 Parula W. (S)
✳ 2 Cedar Waxwings
15-20 Robins
15-20 Cardinals
3-4 Mockers
1 Pil. Woodpecker
1-2 Flickers
1-2 Red-bellies
1-2 Downys
2 Towhees
2 Bluebirds
2 Ch. Swifts
1 Blue-g. Gnatcatcher
1 Acad. Flycatcher

3-4 Chickadees
4-5 Titmice
1-2 Nuthatches
2-3 Meadowlarks
2 Field Spp.
2 Chipping "
3-4 Bob-Whites
(✳) 1 Red-shoulder
1 Catbird
2-3 Thrashers
1 Yellow-b. Cuckoo
2-4 No. Orioles
1 Green Heron
1 Gr.-cr. Flycatcher

8-5-77 Fri. 70° — 91°
Scattered clouds, hot, humid,
heavy clouds & thunder 2:00
on; rain began 2:55 P.M. =
0.5" in 15 min.

2-3 Indigo Buntings (25) 25-30
3 House Wrens +N (25) 4 Crows
3-4 Peewees 2-3 Jays
2-3 Wood Thrushes 5-6 Grackles
1 Acad. Flycatcher 40+ Starlings
1 Gr.-cr. " 12-18 House Spp.
1 Yellowthroat 3-4 Song "
2-3 Red-eyed Vireos 1-2 C. Wrens (S)
2 White-eyed " 3 Goldfinches
3 Purple Martins 3-4 Chickadees
3 Barn Swallows 4-5 Titmice
1 Yellow-b. Cuckoo 1-2 Nuthatches
20± Robins 2-3 Meadowlarks
20-25 Cardinals 2 Field Spp.
5-6 Mockers 2 Chipping "
1 Pil. Woodpecker 3-4 Bob-Whites
2 Flickers 2 Hummingbirds
1-2 Red-bellies 2 Towhees
1-2 Downys 2-3 Thrashers
1 Blue-gray Gnatcatcher 1 Kingbird
2 Ch. Swifts 1 Green Heron

1 Catbird  1 TV

8-6-77 Sat. 70° - 95°
light cirrus clouds; hot, humid; heavy cloud at thunder 2:30 - sudden winds (NW-N-NE), 35 mph. about 3:00 P.M. - brief thundershower.

2-3 Indigo Buntings, 25-30 Doves
3 House Wrens +N (25) 4 Crows
1 Yellowthroat 2 Jays
2 Red-eyed Vireos 3-4 Grackles
2 White-eyed Vireos 30+ Starlings
3-4 Peewees 10-15 House Sps.
2 Wood Thrushes 3-5 Song "
1 Acad. Flycatcher 2 C. Wrens
1 Gr.-cr. " 3 Goldfinches
1 Yellow-b. Cuckoo in yard 3-4 Chickadees
15-20 Robins 4-5 Titmice
15-20 Cardinals 1-2 Nuthatches
3-4 Towhees 2 Meadowlarks

Woodchucks

2 Pil. Woodpeckers 2 Field Sps.
2 Flickers 2 Chipping "
1-2 Red-bellies 3-4 Bob Whites
1-2 Downys 2 Towhees
4-6 Purple Martins 2 Thrashers
4-5 Barn Swallows 2-3 Hummingbirds
1 Blue-gr. Gnatcatcher 1 Green Heron
2-3 No. Orioles
(*) 1 Red-tail (Imm.)

8-7-77 Sun. 73° - 90°
Mostly clear in A.M. — hot, humid, occ. N.W. winds 5 - 15 mph. — heavy clouds in afternoon —

Concorde (Tur?) 7:55 P.M.

2 Indigo Buntings (25) 25-30 Doves
3+ House Wrens +N (25) 4 Crows
1 Yellowthroat 2 Jays
2 White-eyed Vireos 45 Grackles
2 Red-eyed Vireos 30+ Starlings
2 Bluebirds (5) 15-20 House Sps.
2-3 Peewees 3-4 Song "
2 Wood Thrushes 1-2 C. Wrens
1 Gr.-c. Flycatcher 3 Goldfinches
15-20 Robins 3-5 Chickadees
15-20 Cardinals 4-6 Titmice
3-4 Mockers 1-2 Nuthatches
2 Pil. Woodpeckers 2-3 Meadowlarks
2 Flickers 2 Field Sps.
1-2 Red-bellies 2 Chipping "
1-2 Downys 3-5 Bobwhites
1-2 Towhees 1-2 Thrashers
5 Purple Martins 5 Barn Swallows
(*) 1 Red-shoulder 1 Catbird
1 Yellow-b. Cuckoo Green Heron
* 1 Broad wing (ad.) 1 Cowbird

2 Ch. Swifts 1-2 Bf.-g. Gnat. Catchers

8-8-77 Mon. 67° - 90° Scattered clouds, hot, humid; sudden thunder-storm about 7:10 P.M. - wind 35-40 mph NE

2 Indigo Buntings (25) 25-30 Doves
3+N House Wrens (25) 4 Crows
1 Yellowthroat 2-3 Jays
2 Red-eyed Vireos 100+ ~~6-8~~ Grackles
2 White-" " 30+ Starlings
2 Bluebirds (5) 10-15 House Sps.
3-4 Peewees 3-4 Song "
2-3 Blue-gr. Gnatcatchers 1-2 C. Wrens
2-3 Towhees 3 Goldfinches
2-3 Thrashers 3-4 Chickadees
2-3 Hummingbirds 4-6 Titmice

Br. Concorde 11:55AM
1 Deer

2 Wood Thrushes
15-20 Robins
15-20 Cardinals
4-6 Mockers
2 Flickers
1 Red-belly ♂
1 Downy
✓ 1 Kingbird
1 Pil. Woodpecker

1-2 Nuthatches
2-3 Meadowlarks
2 Field Spr.
2 Chipping "
3-4 Bobwhites
3-5 Purple Martins
3-5 Barn Swallows
3 TVs

3-4 Peewees
2 Bluebirds
2 Red-eyed Vireos
2 White-eyed "
3-5 Purple Martins
3-5 Barn Swallows
2 Wood Thrushes
2 Towhees
2-3 Thrashers
20-25 Robins
15-20 Cardinals
4-6 Mockers
1 Pil. Woodpecker
2 Flickers
1 Red-belly
1 Downy
1 Yellow-b. Cuckoo
1 Green Heron
2 Ch. Swifts
1 Blu-gr. Gnatcatcher

5-6 Grackles
40± Starlings
12-15 House Spr.
3-4 Song "
1-2 C. Doves
3 Goldfinches
3-4 Chickadees
4-5 Titmice
1-2 Nuthatches
2-3 Meadowlarks
2 Field Spr.
2 Chipping "
4-5 Bobwhites
1 Gr.-cr. Flycatcher
1 Catbird
2-3 Hummingbirds
1 Killdeer
1 TV
~~Bluebirds~~
1 Kingbird

8-9-77 Tues. 70° – 86°
Cloudy; then bright, hot, humid; heavy overcast late aft.;

2 Indigo Buntings (25) 25-30
3+ House Wrens (25)
1 Yellowthroat

8 Doves
4-5 Crows
2-3 Jays

✓ Note: Red. Broadwing seen on 8/2 (first since Spring) appeared to be brooding bird - number of feathers missing, and bird looked rather "raggy"

8-10-77 Wed. 72° - 89°
Foggy - shower last night = 0.3" rain. Hot, humid, wind in afternoon 5-15 mph - SW.

2-4 Indigo Buntings (3♂) 25-30 Doves
2 White-eyed Vireos 4 Crows
2 Red-eyed " 2-3 Jays
1 Yellowthroat 2 Grackles
2-4 Peewees 30-40 Starlings
3 Purple Martins 15-20 House Sps.
4-5 Barn Swallows 3-4 Song "

1 Woodchuck

(#?) House Wrens 1/(2s) 1-2 C. Wrens
1 Wood Thrush 3 Goldfinches
2 Towhees 3-4 Chickadees
2-3 Thrashers 4-6 Titmice
15-20 Robins 1-2 Nuthatches
15-20 Cardinals 2-3 Meadowlarks
5-6 Mockers 2 Field Sps.
2 Flickers 2 Chipping "
1 Red-belly ♂ 3-4 Cowbirds
1 Downy 1 Cal. Woodpecker
2-3 Hummingbirds 1 Kingbird
(X) 1 Red-tail (3mm.) 1 TV
(X) 1 Red-shoulder (3mm) 2 Ch. Swifts
1-2 Blue-g. Gnatcatchers 2 No Orioles

✓ 1 Young House Wrens left nest-box sometime yesterday afternoon - they have been calling nearby during day - no count on young.

8-11-77 Thurs. 72°-87°
Partly cloudy; brief spatter
of rain drops about 4:00 P.M.—

2 Indigo Buntings (25) 25-30 Doves
3-5 House Wrens (25) 4 Crows
2-3 Bluebirds 2 Jays
1 No. Oriole 4-5 Grackles
2 Red-eyed Vireos 30+ Starlings
2 White-eyed " 15-20 House Sps.
1 Yellow-throat 3 Song "
1 Wood Thrush 1-2 C. Wrens
1 Gr.-c. Flycatcher 3 Goldfinches
15-20 Robins 3-4 Chickadees
15-20 Cardinals 4-5 Titmice
5-6 Mockers 1-2 Nuthatches
2 Pil. Woodpeckers 2 Meadowlarks
2 Flickers 2 Field Sps.

1 Red-belly 2 Chipping Sps.
1 Downy 4-5 Goldfinches
2 Peewees 2-3 Hummingbirds
1-2 Towhees (*) 1 Red-shoulder
1-2 Thrashers 3-5 Purple Martins
1 Green Heron 4-5 Barn Swallows
(*) 1 Red-tail (Imm.) 1 Kingbird
1 Blue-gr. Gnatcatcher 2 T.V.s
✓ 1 Yellow W. 2 Ch. Swifts
1 Yellow-b. Cuckoo

8-12-77 Fri. 70°-87°
Few clouds early;

2-3 Indigo Buntings (25) in yard
1 Yellow-b. Cuckoo
3-5 House Wrens
2 White-eyed Vireos
3 Red-eyed "
1 Wood Thrush
1 Yellowthroat
15-20 Robins
10-15 Cardinals
5-6 Mockers
2 Flickers
1 Red-belly
1 Downy
2-3 Peewees
1-2 Towhees
2 Thrashers
2-3 Hummingbirds
1 Acad. Flycatcher
1 Pileated Woodpecker
(*) 1 Red-shoulder (Imm.)
(*) 1 Red-tail (Imm.)

25-30 Doves
4 Crows
2-3 Jays
4-5 Grackles
✓ 30+ Starlings
12-15 House Spo.
3 Song "
2 C. Wrens
3 Goldfinches
3-4 Chickadees
4-5 Titmice
1-2 Nuthatches
2 Meadowlarks
2 Field Spo.
1-2 Chipping "
4-5 Bobwhites ✓
✓ 3 Purple Martins
4-5 Barn Swallows
1 Catbird
1 T ✓
* 1 Nighthawk W-E 6:10 P.M.

1 Blue-gr. Gnatcatcher

✓ ✓ Tiny fledgling Red-eyed Vireo (1/4" tail) began calling in white oak by house about 1:00 P.M. — flew 30 feet to maple, soon on into dogwood, etc. — calling constantly — yet no adult approached in half — hour or more that I watched it.

✓ ✓ 3 P. Martins here all day, but Claire reported 200-300 around D. Webster property near Clifton, in afternoon. I later saw about 100 there.

5-13-77 Sat. 71°-82°
Overcast - brief hard shower
about 10:00-10:30 A.M. - light
shower in evening.

2 Indigo Buntings (25) 25-30 doves
3-4 House Wrens (25) 4 Crows
1 Yellow-b. Cuckoo 2 Jays
1 Yellow-thr. Vireo Grackles
2 Red-eyed Vireos 30+ Starlings
2 White-eyed " 12-15 House Sps.
3-5 Barn Swallows 3 Song "
3-5 Purple Martins 2 C. Wrens (25)
2-3 Hummingbirds 3 Goldfinches
2 Peewees 3-4 Chickadees
15-20 Robins 3-5 Titmice
15-20 Cardinals 1-2 Nuthatches
5-8 Mockers 2-3 Meadowlarks
2 Flickers 1-2 Field Sps.

1 Bat

1 Red-belly 1-2 Chipping Sps.
1 Downy 3-4 Bobwhites
1 Wood Thrush 1-2 Towhees
1 Catbird 2 Thrashers
1 Ac. Tanager ~~3-5~~ Bluebirds
3-5 Bluebirds 1 TV
1 Pil. Woodpecker 1-2 Ch. Swifts
(*) 1 Red-tail (Dunn.)

8-14-77 Sun. 78°-80°
Overcast; wind WNW, 10-25 mph.
rain began about 1:25 P.M. —
0.8" rain in about 30 min.

2-3 Indigo Buntings (25) 25-30 Doves
3-5 House Wrens 2-5) 4 Crows
2 Peewees 2 Jays
1 Yellow-b. Cuckoo 3-4 Grackles

1 Bat

2-4 Red-eyed Vireos (2S) 30+ Starlings
30 2 White-eyed " 15-20 House Sps.
29 3 Purple Martins NW-SE 3 Song "
3-5 Barn Swallows 2-3 C. Wrens (2S)
15-20 Robins 3 Goldfinches
10-15 Cardinals 3-4 Chickadees
4-6 Mockers 3-5 Titmice
1 Pil. Woodpecker 1-2 Nuthatches
2 Flickers 2-3 Meadowlarks
1 Red-belly 1-2 Field Sps.
1 Downy 1-2 Chipping "
1 Ch. Swift 3-4 Bobwhites
1-2 Blue-gr. Gnatcatchers
1 Nighthawk {W-E 7:25 PM
2-3 Hummingbirds 5 Bluebirds
1 Wood Thrush 1 Gr. Heron

3-5 P. Martins all day — then from 7:00-7:30 P.M., 29 flying NW-SE. One at 8:15 P.M. EDT.

8-15-77 Mon. 68°-84°
Foggy; then partly cloudy, humid;

2-3 Indigo Buntings (2S) 25-30 Doves
1 Green Heron 4 Crows
1 Catbird 2 Jays
4-5 House Wrens (2S) 4-5 Grackles
2 Red-eyed Vireos 40+ Starlings
2 White-eyed " 12-15 House Sps.
2 Peewees 3 Song "
3-5 Barn Swallows 2 C. Wrens (2S)
15-20 Purple Martins 3 Goldfinches
15-20 Robins 3-5 Chickadees
15-20 Cardinals 3-5 Titmice
5-6 Mockers 1-2 Nuthatches
2 Flickers 2 Meadowlarks
1 Red-belly ♂ 2 Field Sps.

Woodchuck

1 Downy 2 Chipping Sps.
1 Ch. Swift 3-4 Bobwhites
1 Blue-gr. Gnatcatcher 1 Pil. Woodpecker
1 Yellow-b. Cuckoo 1 Gr.-cr. Flycatcher

8-16-77 Tues. 70°-84°
Fog (heavy); overcast - clearing by 8:00 A.M. - hot, humid. wind SE/S - then SW 10-20 mph. Partly cloudy in afternoon.

2-3 Indigo Buntings 25-30 Doves
2-3 Red-eyed Vireos (2s) 4-5 Crows
2-3 White-eyed Vireos 2-3 Jays
1 Yellow-b. Cuckoo 4-5 Grackles
1 Blue-gr. Gnatcatcher 300+ Starlings
3-4 House Wrens 15-20 House Sps.
2-4 Peewees 3 Song "
3-5 Barn Swallows 2 C. Wrens

Woodchuck

5-6 P. Martins 3 Goldfinches
15-20 Robins 3-5 Chickadees
12-15 Cardinals 4-5 Titmice
5-6 Mockers 1-2 Nuthatches
2 Flickers 2-3 Meadowlarks
1 Red-belly 1-2 Field Sps.
1 Downy 1-2 Chipping "
3 Hummingbirds 3-4 Bobwhites
3-4 Kingbirds (4) (*) 1 Red tail (Sonny)
1 Catbird 2 Towhees
1 TV 1-2 Thrashers
1 Pil. Woodpecker

8-17-77 Wed. 75°-85°
Cloudy; wind WSW 5-15 mph. - rain began 12:10 P.M.; 2-3 brief showers = 0.1"
Took Lola Mae & children to Dulles -
Sue here - 5:20 !!!!!!

Away 4:00 –

2-3 Indigo Buntings (2S) 25-30 Doves
3-5 House Wrens (2S) 4 Crows
2-3 Peewees 2 Jays
3 No. Orioles 5-6 Grackles
2 Red-eyed Vireos 100+ Starlings
2 White-eyed " 12-15 House Sps.
1 Yellow-b. Cuckoo 3 Song "
1 Catbird 2 C. Wrens
2-3 Hummingbirds 3 Goldfinches
15-20 Robins 3-4 Chickadees
15-20 Cardinals 3-5 Titmice
5-6 Mockers 1-2 Nuthatches
2 Flickers 2-3 Meadowlarks
1 Red-belly ♂ 1-2 Field Sps.
1 Downy 1-2 Chipping "
✓ 6 Purple Martins 2-3 Bobwhites
3-5 Barn Swallows 4-5 Kingbirds
1 Pil. Woodpecker 1 TV
1 Ch. Swift 1 Green Heron
1 Blue-gr. Gnatcatcher

8-18-77 Thurs. 64° – 74°
Overcast early; then occ. sun – wind NW, 5-15 mph. – fine day!

2 Indigo Buntings (2S) 25-30 Doves
3-4 House Wrens 4 Crows
2-3 Peewees 2 Jays
2 Red-eyed Vireos 4-5 Grackles
2 White-eyed " 50+ Starlings
(*) 1 Red-shoulder 12-15 House Sps.
2-3 No. Orioles 3 Song "
1 Yellow-b. Cuckoo 2 C. Wrens (2S)
2-3 Hummingbirds 3 Goldfinches
1 Gr.-cr. Flycatcher 3-4 Chickadees
20-25 Robins 4-5 Titmice
20-25 Cardinals 1-2 Nuthatches
6-10 ~~5-6~~ Mockers 2-3 Meadowlarks
1 Pil. Woodpecker 2 Field Sps.
2 Flickers 2 Chipping

1 Red-bellied ♀ 2-3 Bobwhites
1 Downy, 4-5 Kingbirds
1 Catbird (*) 1 Red-tail (Imm)
1 Blue-gr. Gnatcatcher ♀ P. Martins
4-5 Barn Swallows 1 Towhee
1 Thrasher 1 Wood Thrush
1 Green Heron

8-19-77 Fri. 60° – 76°
Cloudy early; much bright sunshine – occ. light breeze – great day!

2 Indigo Buntings (25) 25-30 Doves
3-5 House Wrens (23) 3-4 Crows
2-4 Peewees 1-2 Jays
1 Green Heron Grackles
2 Red-eyed Vireos Starlings
2 White-eyed " 15-20 Housesps.

1-2 Towhees 3 Song Sps.
(*) 1 Red-shoulder 2-3 C. Wrens (25)
✓ 2 No. Orioles 3 Goldfinches
3-5 Barn Swallows 3-5 Chickadees
3-5 Purple Martins 4-6 Titmice
1 Gr.-cr. Flycatcher 1-2 Nuthatches
1 Catbird 2-3 Meadowlarks
20-30 Robins 1-2 Field Sps.
15-20 Cardinals 1-2 Chipping "
6-8 Mockers 3-4 Bobwhites
1 Pil. Woodpecker 1 Wood Thrush
2-4 Flickers 2-3 Hummingbirds
✓ 1 Red-bellied ♂ 1 Red-tail (Imm)
1 Downy ♀ 3-5 Bluebirds
1 Yellow-b. Cuckoo
Imm. Red-bellied.

8-20-77 Sat. 64°–76°
Overcast early, then few, scattered puffy white clouds; low humidity; wind interm., NW, 5-10 mph.
Wonderful day.

* Sue, Rachel & Holly left at 9:30 A.M. (:x:)
Fr. Concorde — 6:10 PM

1-2 Indigo Buntings
4-5 House Wrens (2S)
2 Red-eyed Vireos
2-4 White-eyed "
* 1 Canada W. ♂
1 Wood Thrush
2-4 Peewees
2 Towhees
15-20 Robins
15-20 Cardinals
6-10 Mockers
2 Flickers
2 Red-bellies
1 Downy
1 Yellow-b. Cuckoo
1 Gr.-cr. ~~Cuckoo~~ Flycatcher
(*) 1 Red-shoulder
1 Blue-gr. Gnatcatcher
1 Thrasher
1 Killdeer
1 Ch. Swift

25-30 Doves
4 Crows
2-3 Jays
1-2 Grackles
6-10 Starlings
15-20 House Sps.
2-3 Song "
2 C. Wrens (2S)
3 Goldfinches
3-4 Chickadees
3-5 Titmice
1-2 Nuthatches
2-3 Meadowlarks
2 Field Sps.
2 Chipping "
2-3 Bobwhites
3-5 Kingbirds
3-5 Bluebirds
2-3 Barn Swallows
2 Hummingbirds
1 Catbird

Sue called 6:15 - arrived home "few minutes ago" - have house near Gate City!

1 Wood Thrush
✓ 2 newly-fledged Cardinals yesterday — recently fledged Robins today.

* Not one Purple Martin

9-21-77 Sun. 58° - 78°
Overcast early; then partly sunny; thunder began 4:15 P.M. - light rain 4:25; winds SW - around clock to SE 10-35 mph.
Rain = 0.1"

✓ 2 Hairy Woodpeckers in yard
1-2 Indigo Buntings
2-3 House Wrens
2 Red-eyed Vireos
2 White-eyed "
2-4 Kingbirds
2 Peewees
1 Wood Thrush
1-2 Towhees

25-30 Doves
3-4 Crows
2 Jays
2-3 Grackles
400-500 Starlings
15-20 House Sps.
2-3 Song "
2 C. Wrens (2S)
3 Goldfinches

1 Thrasher
(*) 1 Red-shoulder
~~18-20~~ Robins
15-20 Cardinals
6-8 Mockers
2 Flickers
2 Red-bellies
1 Downy
1 Catbird
✓ 1 Redstart (Imm. ♀)
✓ 2 Purple Martins

3-4 Chickadees
4-6 Titmice
1 Nuthatch
2-3 Meadowlarks
2 Field Spp.
2 Chipping "
2-3 Bobwhites
3-4 Barn Swallows
2 Hummingbirds
3 Ch. Swifts

8-22-77 Mon. 68°-82°
Overcast; Wind SW, 10-20 mph.
Occ. bright sun during day -
then heavy clouds —
calm + partly cloudy in eft.
Shower began 7:45 P.M.

1 Sq. Woodchuck
Monarch Butterfly - N-S
Fr. Concorde - 5:50 P.M.
Woodchuck in Yard (small)

(*) 1 Red-shoulder
3-4 Peewees
1 Catbird
3-4 House Wrens (25)
~~20-30~~ Robins
15-20 Cardinals
6-10 Mockers
2 Flickers
2 Red-bellies
1 Downy
2 White-eyed Vireo
13 Purple Martins
3 Ch. Swifts
(*) 1 Red-tail (Imm.)
1-2 C. Warblers
1 Yellowthroat
1 Thrasher
2 Hummingbirds
1 No. Oriole 2X
2-3 Red-eyed Vireos
✓ 1 Redstart

25-30 Doves
4 Crows
2-3 Jays
4-5 Grackles
100+ Starlings
15-20 House Spp.
2-3 Song "
2 C. Wrens
3 Goldfinches
3-5 Chickadees
4-5 Titmice
1-2 Nuthatches
2-3 Meadowlarks
2 Field Spp.
2 Chipping "
2-3 Bobwhites
1 Pil. Woodpecker
3-5 Kingbirds
1 TV
3-5 Barn Swallows
2 Blue-gr. Gnatcatchers

Another Concorde - 755 P.M.

29 Nighthawks ✓ #1 N-S 7:05 28 at 7:25 9:25 SW-NE 1 Yellow-b. Cuckoo
1 Towhee 1 Gr.-cr. Flycatcher

✓ 1 Nighthawk, N-S, 7:05 P.M.; 28 in one flock SW-NE, at 7:25 PM

8-23-77 Tues. 62° — 81°
Cloudy; calm; occ. bright sun, almost no breeze all day — overcast in P.M.

1 Yellow-b. Cuckoo 25-30 Doves ✓
(*) 1 Red-shoulder 4 Crows
1 Thrasher 2-4 Jays
2 Red-eyed Vireos 4-5 Grackles
3-4 Peewees 50-60 Starlings
1 Catbird 15-20 House Spr.
40-50 Robins 3 Song "
15-20 Cardinals 2 C. Wrens (2S)

Woodshuck in yard

6-10 Mockers ✓3 4 Goldfinches 2♂ 2♀
1 Pil. Woodpecker 3-4 Chickadees
2 Flickers 4-5 Titmice
2 Red-bellies 1-2 Nuthatches
1 Downy 2-3 Meadowlarks
2-3 House Wrens (2S) 1-2 Field Sps.
2 White-eyed Vireos 1-2 Chipping "
✓ 2 No. Orioles ✓ 2-4 Bob Whites
76 Purple Martins 1 TV (3x)
2-3 Kingbirds 2-3 Bluebirds
3 Ch. Swifts 1 Gr.-cr. Flycatcher
22 ~~20~~ Nighthawks 4 SSW-NE 5:00 PM ✓2 1 Wood Thrush

✓1 All P. Martins NW-SE.
✓2 First 4 SW-NE (probably same 4 circling back 5 min. later — not counted) — others 1-6 at a time.
✓3 Mockingbirds carrying food to front yard all day — must locate nest.

Fr. Concord 5:55 AM

8-24-77 Wed. 66° – 72°
Overcast; thundershowers
began about 1:00 P.M. – Very
heavy at times, wind NW, 20-35
mph. – 1.4" rain by 3:00 P.M.

32° at Internat. Falls, Minn.

2 Catbirds
2 Red-eyed Vireos
1 Yellow-b. Cuckoo
2 White-eyed Vireos
50-60 ~~20+~~ Robins
15-20 Cardinals
6-10 Mockers
2 Flickers
2 Red-bellies
1-2 Downys
1 Hairy
2 House Wrens
13 Purple Martins
2-3 Hummingbirds

25-30 Doves
4 Crows
2-3 Jays
4-8 Grackles
40+ Starlings
15-20 House Sps.
2-3 Song
2 C. Wrens (25)
4 Goldfinches
3-5 Chickadees
4-5 Titmice
1-2 Nuthatches
2 Meadowlarks
2 Field Sps.

Y. Woodchuck in yard
old " in meadow

1 Canada W. ♂ 1-2 Chipping Sps.
1 Red-shoulder 3-5 Bob Whites
34 Peewees 1 Blue-gr. Gnatcatcher
1 Killdeer 1 Green Heron
1 Barn Swallow 1 Ch. Swift
5+ Nighthawks 4, 5-N 6:50 PM 1 Woodthrush
1 Towhee 1 Marsh Hawk
1 Blackpoll W. in Pyracantha

While Claire & I sat near window of front bedroom in A.M., a Canada W. (♂) chipped loudly and flew up against window to catch insect – then flew on toward garage.

2 Forgot to note – about 2 wks. ago, Doves began building nest about 10 ft. up in largest Deodar Cedar – now nesting.

3 all P. Martins NW-SE.

1 Merlin (♀) flew NNE – SW, low along meadow, about 75 feet from me

5 30°-740

7-25-77 Thurs. ~~55°~~ f

Cloudless, cool; calm early, then wind NE, 10-20 mph. to about 4:00 P.M.

2-3 House Wrens
1 Red-shoulder (Imm)
2 Catbirds
1 Yellow-b. Cuckoo
2 Red-eyed Vireos
Robins
15-20 Cardinals
6-10 Mockers
2 Flickers
2 Red-bellies v
1 Downy
3-5 Peewees v
2 Hummingbirds
1 Kiracker
3-5 Kingbirds

25-30 Doves
4 Crows
2-3 Jays
4-5 Grackles
40-50 Starlings
15-20 House Spo.
3 Song "
2 C. Wrens (25)
4 Goldfinches
3-5 Chickadees
4-6 Titmice
1-2 Nuthatches
2-3 Meadowlarks
2 Field Spo.
2 Chipping "

Br. Concorde 3:55 P.M.
Lg. Woodchuck in field / Y Woody. in Fr. Concorde - 5:55 P.M. Yard.

2-3 Bluebirds
1 Towhee
1 Red-tail (Imm)
2 White-eyed Vireos
2 Barn Swallows
1 Blue-gr. Gnatcatcher
1 Nighthawk #1, 5-40 PM

3-5 Bobwhites, v
1 Broadwing v
2 TVs
4 Ch. Swifts
2 P. Martins

v Broadwing apparently same one seen recently - "raggy" plumage, missing feathers
v 3 Red-belly picking dogwood fruit (barely turning color), & feeding young.
v 3 Peewee feeding young.

8-26-77 Fri. 49° — 75°
Cloudless, chilly; Cloudy
by 9:15 A.M.; wind SW, 10-15
mph - all afternoon.

| | |
|---|---|
| 2-3 House Wrens | 25-30 Doves |
| 2 Catbirds | 4 Crows |
| 1-2 Towhees | 2-3 Jays |
| 1 Thrasher | 3-4 Grackles |
| 2 Barn Swallows | 30+ Starlings |
| 2 Red-eyed Vireos | 15-20 House Sps. |
| 2 White-eyed " | 2-3 Song " (25) |
| 1 Red-shoulder | 2 C. Wrens |
| 1 Yellow-b. Cuckoo | 4 Goldfinches |
| 3-5 Peewees | 3-5 Chickadees |
| 2-3 Hummingbirds | 4-6 Titmice |
| 1 Blue-gr. Gnatcatcher | 1-2 Nuthatches |
| 30-40 Robins | 2 Meadowlarks |
| 15-20 Cardinals | 2 Field Sps. |

Young Woodchuck in yard.

6-10 M...
1 ...
3-4 ...
2 ...

Fred: What effect do you suppose this is having on migrating birds? John Eike



You might return this, when convenient

*Jack Anderson and Les Whitten*

# Arms Sale to El Salvador Is Reversed

Bureaucratic red tape, if not President Carter's human rights policies, may have saved a few poor souls in El Salvador from being gunned down by the military dictatorship's soldiers.

The incident is worth recording as sad evidence that the bureaucrats in their State Department cubicles were paying little attention to the President's statements. Early in February, the military government of El Salvador placed an order with an American arms dealer for $96,227.85 in weapons, including hollow-point bullets and submachine guns.

These ugly goods, according to license applications filed with the State Department, were needed for "internal security." The applications didn't mention that the government had scheduled national elections on Feb. 20, and expected trouble from a restive populace. The weapons were to be used, apparently, against opponents of the military regime.

State Department officials approved the sale, with the exception of a few items, in time for delivery before the election. But in a bureaucracy, a decision is seldom final. Any bureaucrat worth his salt will seek the endorsement of others to reduce his own liability. The weapons sale approval, therefore, was bucked to other desks for comment.

The elections were held in El Salvador, meanwhile, without the extra hollow-point bullets and submachine guns. Ballot boxes, conveniently stuffed beforehand, were substituted for the real thing. Additional votes were cast in the names of citizens in the cemeteries.

Poll watchers, who questioned these tactics, were intimidated and arrested. To no one's great surprise, the military-backed candidates were triumphant. Protests by the opposition party were brutally suppressed. The government claimed only five people were killed, but our sources say at least 100 El Salvadorans died.

This sort of unpleasantness could have backfired on the officials who approved the arms sale. They reconsidered the approval which was still circulating in the bureaucratic labyrinth. As one official put it delicately: "The passage of time had produced a different set of conditions in El Salvador."

The previous decision, therefore, was revoked. The sale of some weapons was disapproved; others were held up for "further consideration." The bureaucrats, in other words, had unwittingly prevented the sale of arms which probably would have been used by the military dictatorship to fire upon those who dared to protest the fraudulent elections.

**People Poisoning**—Thousands of people have been poisoned and at least 40 people have died during the past five years as a result of the overuse of pesticides in Central America. The cotton fields have been saturated with some toxic chemicals that are now banned in the United States.

These are the findings of a United Nations environmental team, which conducted an 18-month study of pesticide use in the cotton-growing areas of El Salvador, Guatemala, Honduras and Nicaragua.

"To varying degrees," the team reported, "almost all components of the Central American ecosystem have been affected." In 1,600 samples, the team found various levels of highly toxic DDT, deadly Parathion, and the suspected cancer-causing Toxophene.

The reckless use of pesticides has gone on for over 15 years under the auspices of the wealthy Central American families who own many of the cotton plantations. They've made huge fortunes by selling cotton to Asian countries which, in turn, manufacture clothing for U.S. markets.

At the same time, the environmental devastation caused by the pesticides has forced some impoverished small farmers to leave their land. Their pitiful plots have become so contaminated that they cannot grow enough corn and beans. This has turned them into peons who survive by working for the large cotton plantations.

It was not until some of the land barons' own cattle became contaminated that they began to be concerned about the problem. In the past 15 years, at least $1.7 million in beef cattle has been tainted by pesticides.

The UN team was brought to Central American to assess the damage and to introduce pest management techniques. Earlier UN efforts had already brought a gradual reduction in human poisoining, from 6,078 cases in 1972 to 2,074 in 1975. The new UN team was able to reduce pesticide use by as much as 63 per cent on test plots.

Footnote: One insect that has resisted the poisonious enviornment is the tough malaria mosquito, which seems to thrive on pesticides. The central American governments are now using costly propoxur to fight the deadly mosquito. The result has been fewer sprayings and a rise in the incidence of malaria.

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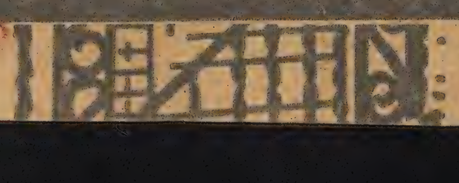

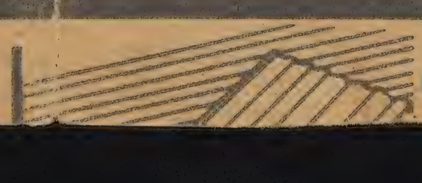

CORRUGATED

*From the Desk of . . . .*

**FREDERIC R. SCOTT**

6-14-77

Jim:

Thanks for the interesting clippings. Pesticide use has been quite heavy over many parts of Latin America, and although I have not seen much published material on the subject, I feel that our migratory birds get much worst treatment in this respect south of the border than they do in the U.S.

You know how I feel about Black Jack, of course. For an interesting experiment, try tasting Black Jack in direct comparison with Bourbon Deluxe--at half the price.

Sorry you and Jim Watson missed the foray. It was great fun, as always, with many interesting results. We had a pair of Dickcissels, a pair of Bobolinks, a colony of Long-billed Marsh Wrens, and other high spots. We missed Black-and-white Warblers, which was anticipated, and we got Song Sparrows only at South Boston. Had two Red-cockaded colonies, but the young were gone and we couldn't find the birds.

Fred

Young Woodchuck in yard.

6-10 Mockers
1 Pil. Woodpecker
3-4 Flickers (Y?)
2 Red-bellies
1 Downy
6 Nighthawks 3,5-N 7:00 P.M.
1 Kingbird

3 Chipping Sps.
3-4 Bobwhites
1 Redwing
2 Ch. Swifts
1 Purple Martin
1 Cape May W.
1 Wood Thrush

1 Tiny fledgling Chipping Sp. lit on boxwood, 3:00 P.M. - then to a red geranium flower, where it sat 5 min. - then to picnic table & on to nearby tree - call all the while.
3 Nighthawks S-N, 7:00 P.M. - 2 N-S, 7:40 P.M.; 1 E-W 7:45 PM

2, 1977 THE WASHINGTON POST

SET OF 2 COMPLETE SAWHORSES
Nothing else to buy!

8-27-77 Sat. 66° - 93°
Clear; wind SW, 5-20 mph.

Away 4:15 - 8:40 P.M. - Bull Run Park

2 Red-eyed Vireos
2 White-eyed "
2-3 House Wrens
3 Blue-gr. Gnatcatchers
3 Red-shouldered ✓
2 Catbirds
3-5 Towhees
2 Hummingbirds
20-30 Robins
15-20 Cardinals
6-10 Mockers
3-4 Flickers
2 Red-bellies
1 Downy
1 Towhee

25-30 Doves
4 Crows
2-3 Jays
6-10 Grackles
30+ Starlings
15-20 House Spo.
2-3 Song "
2 C. Wrens (25)
4-5 Goldfinches (IV)
3-5 Chickadees
4-5 Titmice
1-2 Nuthatches
2 Meadowlarks
2 Field Spo.
2 Chipping Spo

Woodchuck

2-3 Thrashers 3-4 Bob-Whites
2 Barn Swallows 6 Ch. Swifts
9 Purple Martins 2 V's
1 Wood Thrush ✓ 1 Kingbird

✓ Imm. Red-shoulder very active in A.M. — about 12:30 P.M., two adults circled above front yard — first in many weeks.
✓ Claire saw one very young Thrasher in evening.
✓ Young Goldfinch at feeder all afternoon — much calling & wing-flitting when parent approached.

8-28-77 Sun. 66°-86°.
Clear, warm — sleepily lazy all day — wind SW-SE 5-20 mph. Warm — humid. 100% at 7:00 A.M. —

2 Chipmunks

## Full Moon

| | |
|---|---|
| 2-3 Red-eyed Vireos | 25-30 Doves |
| 2 White-eyed " | 3-4 Crows |
| 1-2 Towhees | 2 Jays |
| 2-3 Thrashers | 10-15 Grackles |
| (*) 1 Red-shoulder (Imm.) | 30+ Starlings |
| 2-3 House Wrens | 15-20 House Sps. |
| 1-3 Blue-gr. Gnatcatchers | 2-3 Song " |
| 3-4 ~~2-3~~ Catbirds | 2 C. Wrens (RS) |
| 3-5 Peewees | 3-4 Goldfinches |
| 1 Wood Thrush | 3-4 Chickadees |
| 20+ Robins | 4-6 Titmice |
| 15-20 Cardinals | 2 Nuthatches |
| 6-10 Mockers | 1-2 Meadowlarks |
| 2-4 Flickers | 2 Field Sps. |
| 2 Red-bellies | 2 Chipping " |
| 1-2 Downys | 3-4 Bobwhites |
| 2-3 Barn Swallows | 2 Hummingbirds |
| 2 Pil. Woodpeckers | 3-4 Ch. Swifts |
| 1 Gr.-cr. Flycatcher | TV |
| ✓ 35 Purple Martins NNW-SE | 1 Redstart ♂ |
| ~~100~~ Nighthawks 58, NW-SE 6:40 | |
| 102 | |

✓ No Nighthawks before 6:15 — ~~even~~ 102 from 6:40 - 8:00 P.M. all N/NW - SE.

Martin Ferguson reported a Cooper's Hawk sitting on a power wire at Rts. 66 & 123 on 8/27/77.

8-29-77 Mon. 68° - 87°
Cloudless early, hazy; hot - humidity 100% most of Key - wind SE, 5-20 mph.

| | |
|---|---|
| 2 Red-eyed Vireos | 25-30 Doves |
| 2 White-eyed " | 4-5 Crows |
| 1 Towhee | 2 Jays |
| 2-3 Thrashers | 10-15 Grackles |

Company here, 5:30 - 7:00 P.M.
only fairly accurate count
of Martins & Nighthawks -

| | |
|---|---|
| 2 Catbirds | 50+ Starlings |
| 2-5 Peewees | 15-20 House Sps. |
| 2 Hummingbirds | 2-3 Song " |
| 2 House Wrens | 2 C. Wrens |
| 40-50 Robins | 4 Goldfinches |
| 15-20 Cardinals | 3-4 Chickadees |
| 6-10 Mockers | 4-5 Titmice |
| 2-4 Flickers | 2 Nuthatches |
| 2 Red-bellies | 1-2 Field Sps. |
| 1-2 Downys | 1-2 Chipping " |
| 1 Pil. Woodpecker | 3-4 Bobwhites |
| 40-50 Purple Martins | (*) 1 Red-shoulder |
| 2-4 Kingbirds | 6-10 Ch. Swifts |
| (*) 4-5 Tree Swallows | 1 Wood Thrush |
| 5 Barn Swallows | |
| 12-15 Nighthawks | |

8-30-77 Tues, 71° - 88°

Cloudy early; then clearing by 10 or so - hot, very humid; wind ESE 2-10 m.p.h. Cloudy again by 3:30 P.M. - thunder & light rain by 6:15 P.M.

| | |
|---|---|
| 2 Red-eyed Vireos | 25-30 Doves |
| 2 White-eyed " (2s) | 4 Crows |
| 1 Yellow-thr. Vireo (s) | 2 Jays |
| 2 House Wrens | 5-6 Grackles |
| (*) 1 Red-shoulder | 30+ Starlings |
| 3-5 Peewees | 15-20 House Sps. |
| 25-30 Robins | 2-3 Song " |
| 15-20 Cardinals | 2 C. Wrens |
| 8-10 Mockers | 3-4 Goldfinches |
| 3-4 Flickers | 3-4 Chickadees |
| 2 Red-bellies | 4-6 Titmice |
| 1 Downy | 2 Nuthatches |
| 2-3 Catbirds | 1-2 Field Sps. |
| 2 2-4 Kingbirds | 1-2 Chipping " |
| 2 Towhees | 3-4 Bobwhites |

2 Thrashers 1 Wood Thrush
2 Hummingbirds (♀ Imm) 2 TVs.
1 Gr.-cr. Flycatcher 8-10 Ch. Swifts
1 Yellow-b. Cuckoo 160 175 P. Martins
6-8 Barn Swallows
122 Nighthawks 2, W-E ✓ 4:25

Nighthawks - first 2, W-E, then remainder N/NE to SW.

Shell of freshly-hatched dove egg on driveway yesterday.

8-31-77 Wed. 68°-86°
~~Clea~~ Clear, calm; cloudy in afternoon - sudden thunderstorm moved, rain began 3:45 P.M. - strong N & NW winds, brief gusts to about 45 mph. - rain = 2.0" by 6:15 P.M.

2 Red-eyed Vireos 25-30 Doves
2 White-eyed " 4 Crows
2 Hummingbirds 2 Jays
2 Catbirds 8-10 Grackles
1 Gr.-cr. Flycatcher 30+ Starlings
3-5 Peewees 15-20 House Sps.
1-2 Wood Thrushes 2-3 Song "
20-30 Robins 1-2 C. Wrens
15-20 Cardinals 4 Goldfinches
6-10 Mockers 3-5 Chickadees
3-4 Flickers 4-6 Titmice
2 Red-bellies 2 Nuthatches
1 Downy 1-2 Field Sps.
1 House Wren 1-2 Chipping "
3-4 Barn Swallows ✓ 2-3 Bobwhites
(*) 1 Red-shoulder 2 P. Martins
✓ 2 Kingbirds 2 Ch. Swifts
13 Nighthawks 3, E-W 6:40 PM
~~Wood Thrush~~
1-2 Blue-gr. Gnatcatchers
✓ 30-40 Barn Swallows over playing field at Centerville

Elem. School about 10:30 A.M

Note: This A.M. a large Fox Squirrel had been killed on Newman Rd. directly opposite Vaggnez' gate. Very rusty red on abdomen (entire underbody).

Roger Whitaker - "The Last Farewell"

---

Woody Guthrie - "This Land is your Land" - new Christy Minstrels.

---

Roger Whitaker "The First Hello The Last Goodbye"

---

Great Am. Autos "J"

Sue 7-10-77

615—

2858—

6061

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Tires for Sue's Mazda RX-3

Steel-belted Radial 155 SR 13